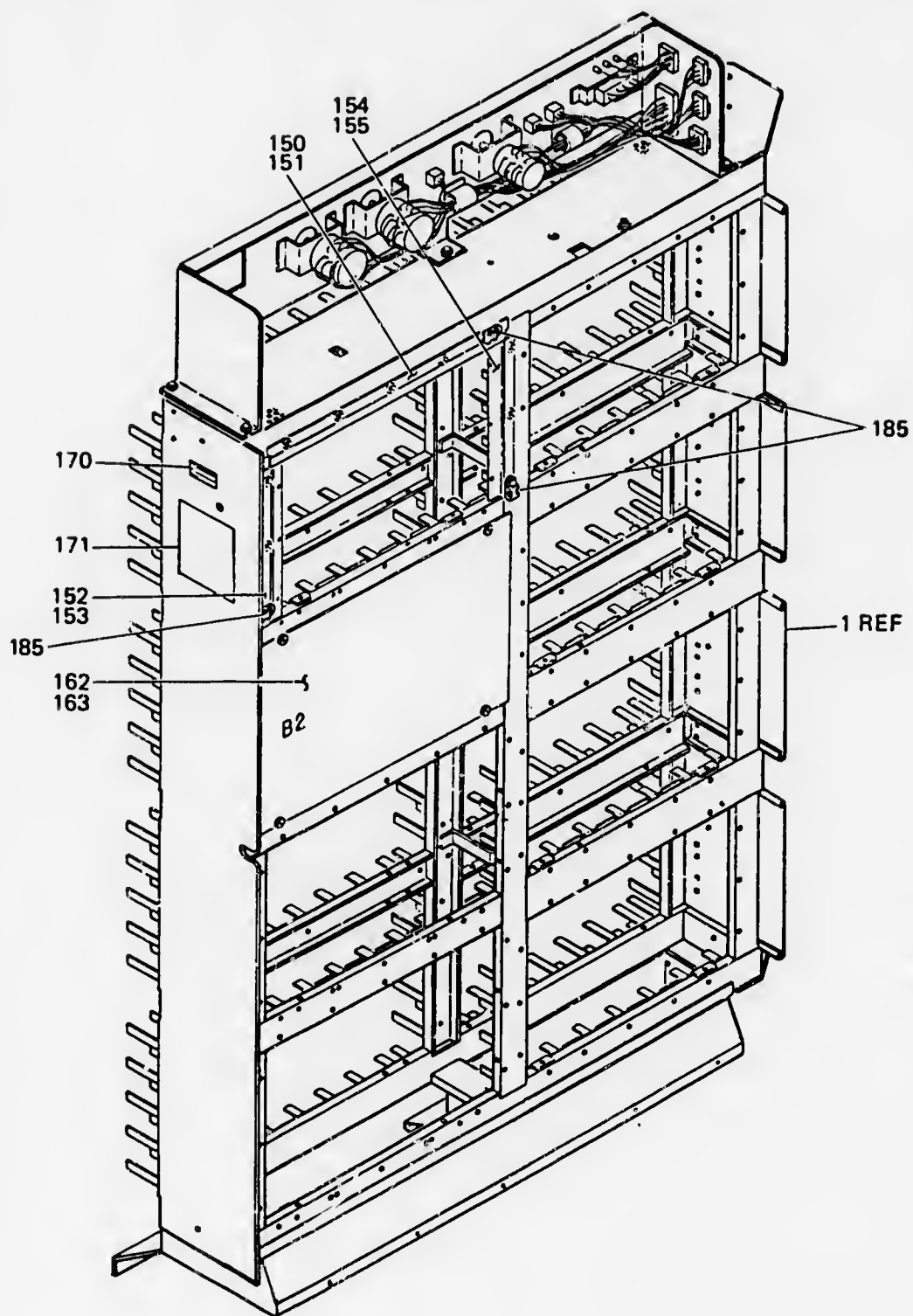


FIGURE 1/E02. GATE ASM, LOGIC (BASIC) SHT 2 OF 2



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE A USED ON MACHINES WITH HDSCS

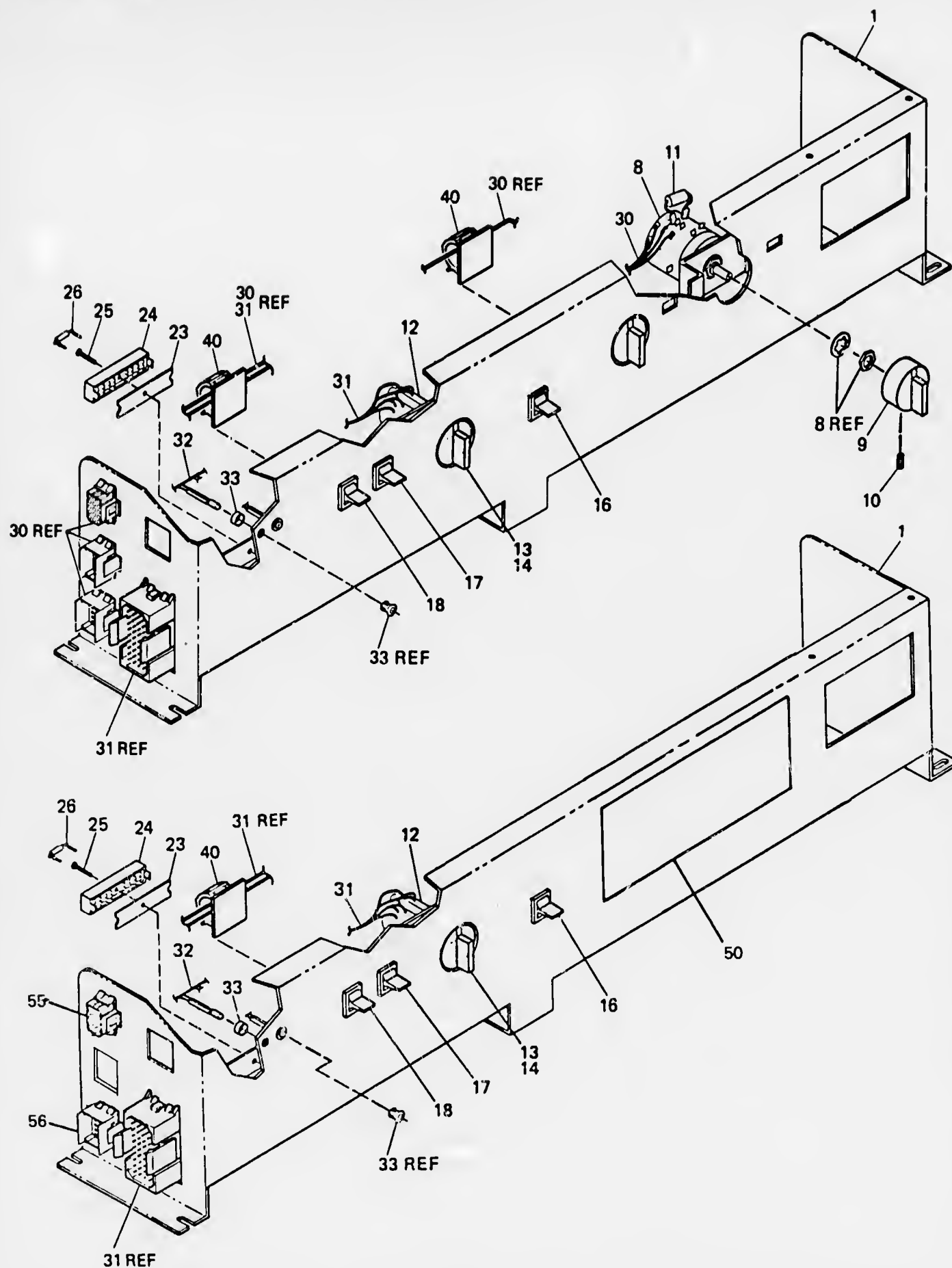
NOTE B USED ON MACHINES W/O HDSCS

NOTE C USED ON MODEL 4

E02-	NP	REF	GATE ASM, LOGIC (BASIC) SHT 2 OF 2 FOR NEXT HIGHER ASM SEE FRAME 1/C08, 1/C14, 1/D02, 1/D10
-150	2342757	(1)	• ADAPTER, TOP
-151	2181005	(5)	• SCREW, THD FORM-HEX WSHR HD 6-32 X .375 LONG
-152	2342759	(1)	• ADAPTER, LEFT HAND
-153	2181005	(3)	• SCREW, THD FORM-HEX WSHR HD 6-32 X .375 LONG
-154	2342758	(1)	• ADAPTER, RIGHT HAND
-155	2181005	(3)	• SCREW, THD FORM-HEX WSHR HD 6-32 X .375 LONG
-162	2342754	(1)	• COVER, DUMMY (B2) A, B
-162	2342754	(2)	• COVER, DUMMY (B2 AND B3). C
-163	2181005	(AR)	• SCREW, THD FORM-HEX WSHR HD 6-32 X .375 LONG
-170	2749390	(1)	• LABEL, E/C
-171	2679436	(1)	• LABEL, RAS. A, B
-171	8499117	(1)	• LABEL, RAS (MOD 4). C
-185	533782	(3)	• MOUNT, CABLE TIE

END OF ASSEMBLY (EC 462845) 4801909 REF

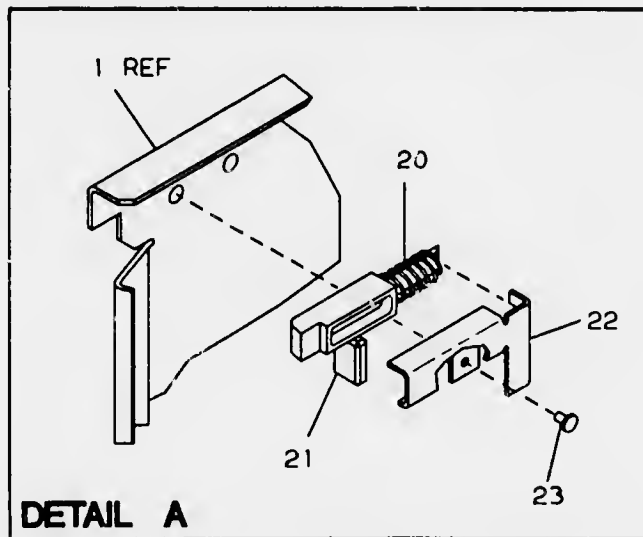
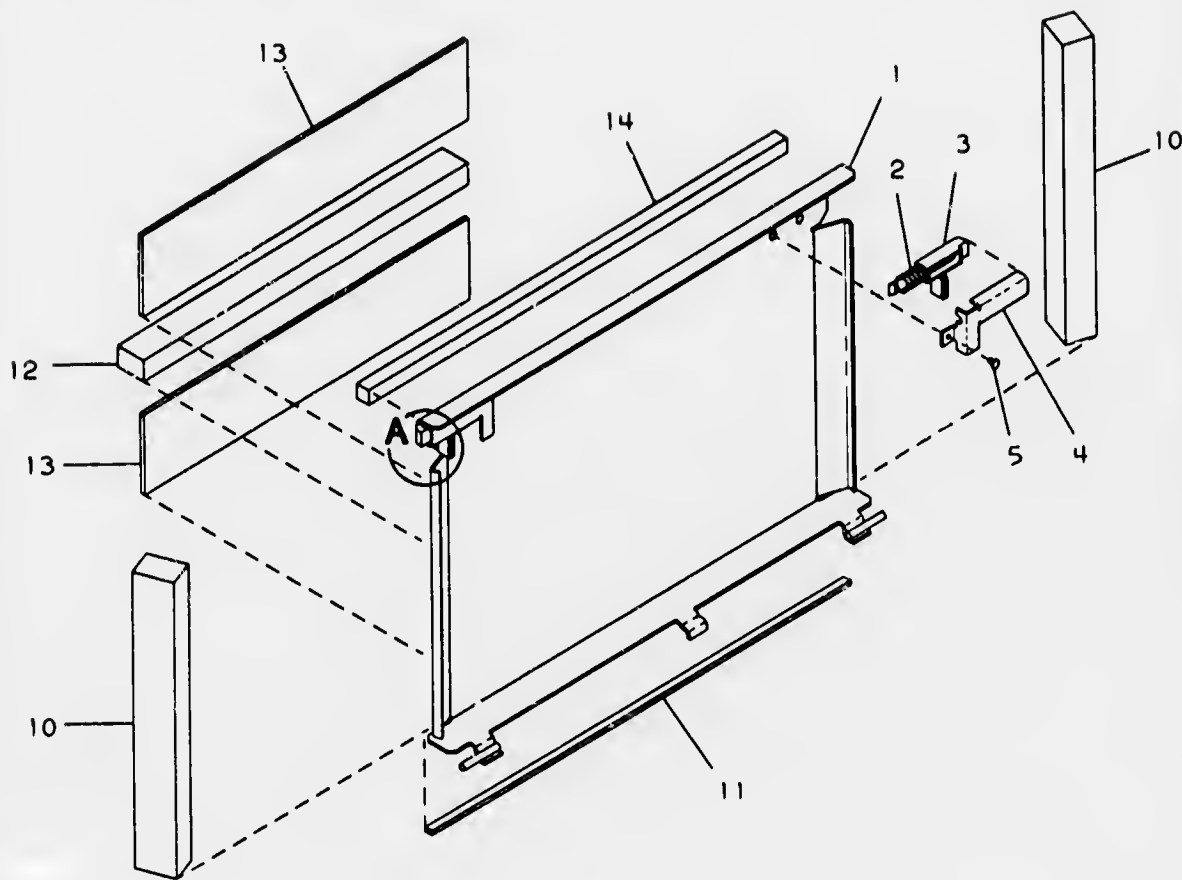
FIGURE 1/E04. PANEL ASM, DC POWER SWITCH



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
NOTE A USED ON MACHINES WITH HDSCS NOTE B USED ON MACHINES W/O HDSCS NOTE C USED ON MODEL 4				
E04-	949926	REF	PANEL ASM, DC POWER SWITCH FOR NEXT HIGHER ASM SEE FRAME 1/D18	
- 1	949925	(1)	• PANEL	
- 8	4797464	(2)	• SWITCH, SD1/SD2 (SW101, SW102)	A, B
- 9	1842106	(2)	• KNOB	A, B
- 10	5257382	(2)	• SETSCREW, SOCKET HEXAGON 6-32 X .375 LONG	A, B
- 11	2342709	(2)	• RESISTOR ASM, 5.1 OHM/1W	A, B
			SW 101 B2 TO B3	
			SW 102 B2 TO B3	
- 11	2290624	(2)	• RESISTOR ASM, 8.2 OHM/1W	A, B
			SW 101 D2 TO D5	
			SW 102 D2 TO D5	
- 12	4797108	(1)	• SWITCH, POWER SELECT (SW 106)	
- 13	1842106	(1)	• KNOB	
- 14	5257382	(1)	• SETSCREW, SOCKET HEXAGON 6-32 X .375 LONG	
- 16	4797510	(1)	• SWITCH, TOGGLE/CE PWR DEV SEQ (SW 105)	
- 17	4797273	(1)	• SWITCH, TOGGLE/MAINT PWR ON (SW104)	
- 18	4797273	(1)	• SWITCH, TOGGLE/PWR ON-OFF (SW 103)	
- 23	302131	(1)	• INSULATOR, EDGE CONNECTOR	
- 24	302090	(1)	• EDGE CONNECTOR ASM, 24 FEMALE CONTACTS (EC 101)	
- 25	1621172	(1)	• SCREW, METRIC-SLOT PAN HD M3 X 10MM LONG	
- 26	4797387	(2)	• RESISTOR ASM, 200 OHM/.25W (R1, R2)	
			EC 101A TO EC 101E	
			EC 101B TO EC 101F	
- 26	4797388	(1)	• RESISTOR ASM, 130 OHM/1.25W (R3)	
			EC 101C TO EC 101G	
- 30	949931	(1)	• CABLE ASM, DC SW PNL	A, B
- 31	949929	(1)	• CABLE ASM, INTERNAL	
- 32	949930	(1)	• CABLE ASM, PWR SW PNL TO GATE	
- 32A	1590007	(3)	• • DIODE, LIGHT EMITTING (LED-GREEN)	
			FOR CABLE COMPONENTS SEE FRAME 2/D15	
- 33	2744256	(3)	• KIT, L.E.D. MOUNTING	A, B
- 33	2744256	(2)	• KIT, L.E.D. MOUNTING	C
- 40	2513270	(2)	• CLAMP, CABLE	A, B
- 40	2513270	(1)	• CLAMP, CABLE	C
- 50	8499124	(1)	• LABEL, PANEL (MOD 4)	C
- 55	8499122	(1)	• PLUG ASN, J101	C
- 56	8499123	(1)	• PLUG ASM, J103	C

END OF ASSEMBLY (EC 462807)

FIGURE 1/E06. COVER ASM, CARD



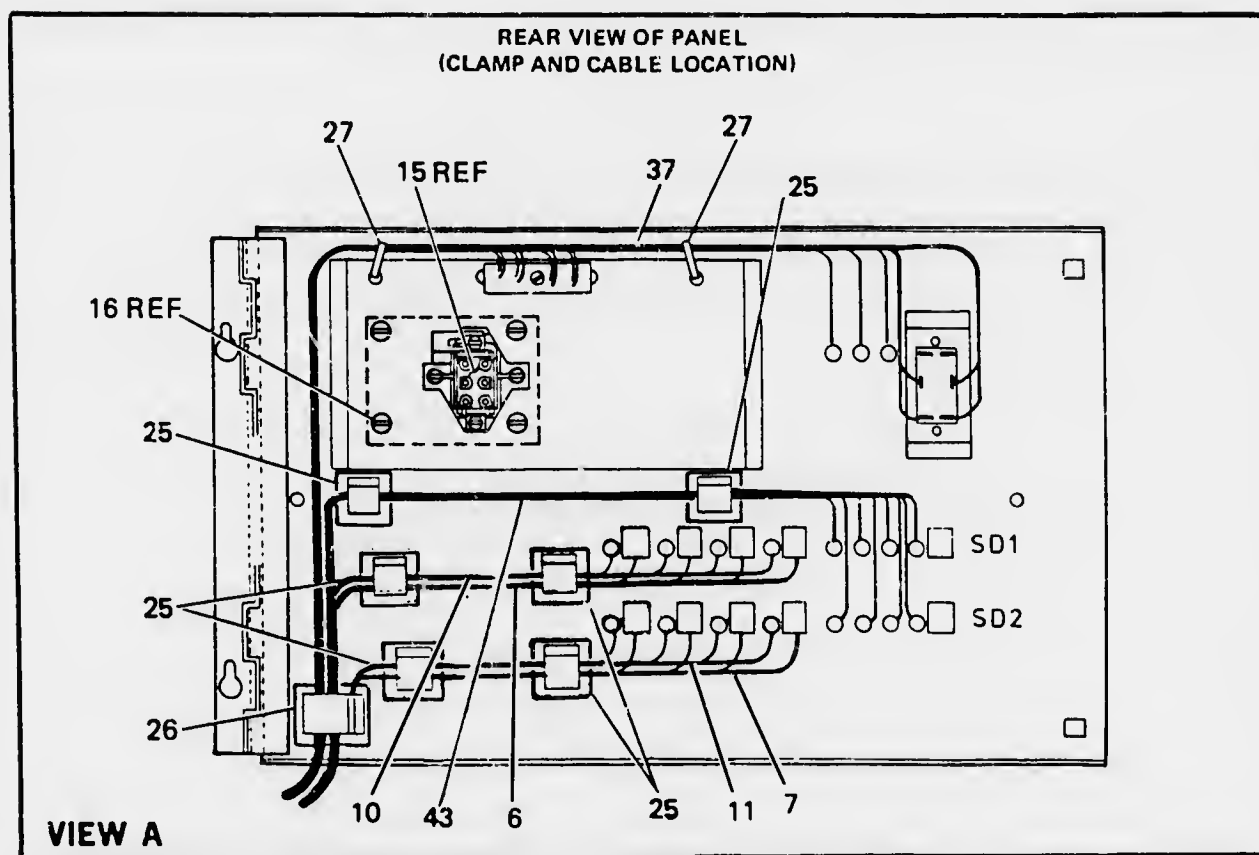
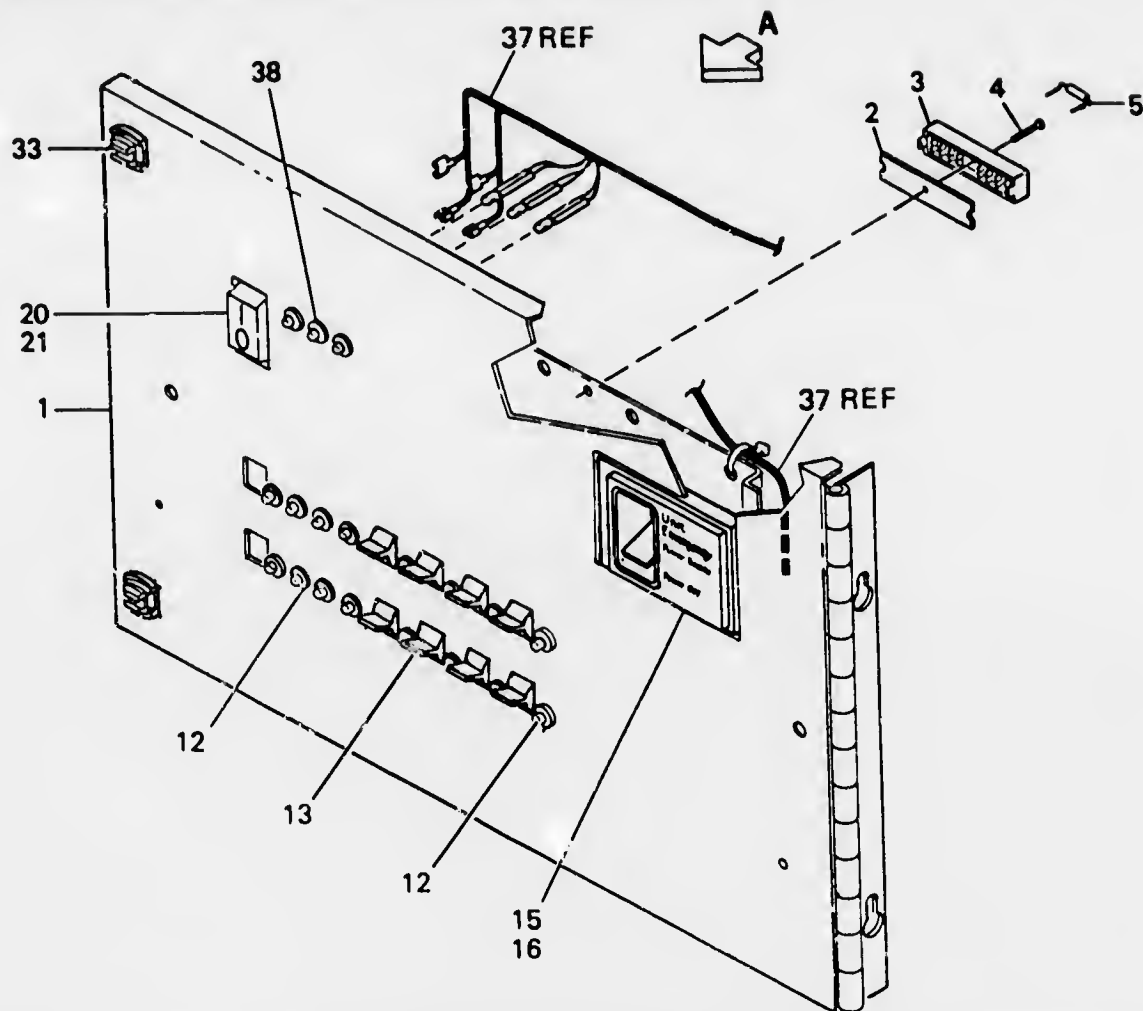
LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE A USED ON A ROW
NOTE B USED ON B ROW

E06-	SELECT	REF	COVER ASM, CARD	
-	2346506	REF	COVER ASM, CARD (20 POS) A ROW	A
-	2346507	REF	COVER ASM, CARD (22 POS) B ROW	B
			FOR NEXT HIGHER ASM SEE FRAME 1/D02, 1/D10, 1/D18	
- 1	2346503	(1)	• COVER, 20 POS	
- 1	2346504	(1)	• COVER, 22 POS	
- 2	819535	(1)	• SPRING	
- 3	819559	(1)	• LATCH, RIGHT	
- 4	819557	(1)	• COVER, LATCH (RIGHT)	
- 5	21419	(2)	• RIVET	
- 10	2346508	(2)	• SEAL, 186 X 24 X 18 THK.	A
- 10	2346509	(2)	• SEAL, 202 X 24 X 18 THK.	B
- 11	8499174	(1)	• SEAL, 309, 1 X 5.0 X 2.5 THK	A
- 11	2342750	(1)	• SEAL, 348, 1 X 5.1 X 3 THK	B
- 12	2342681	(1)	• SEAL, 240 X 19 X 13 THK.	A
- 12	2342747	(1)	• SEAL, 278 X 19 X 13 THK.	B
- 13	2342682	(2)	• SEAL, 240 X 50 X 3 THK	A
- 13	2342746	(2)	• SEAL, 278 X 50 X 3 THK	B
- 14	8499173	(1)	• SEAL, 309, 12 X 9, 65 X 9.5 THK	A
- 14	2342749	(1)	• SEAL, 348, 12 X 9 X 9 THK.	B
- 20	819535	(1)	• SPRING	
- 21	819558	(1)	• LATCH, LEFT	
- 22	819556	(1)	• COVER, LATCH (LEFT)	
- 23	21419	(2)	• RIVET	

END OF ASSEMBLY (EC 462888)

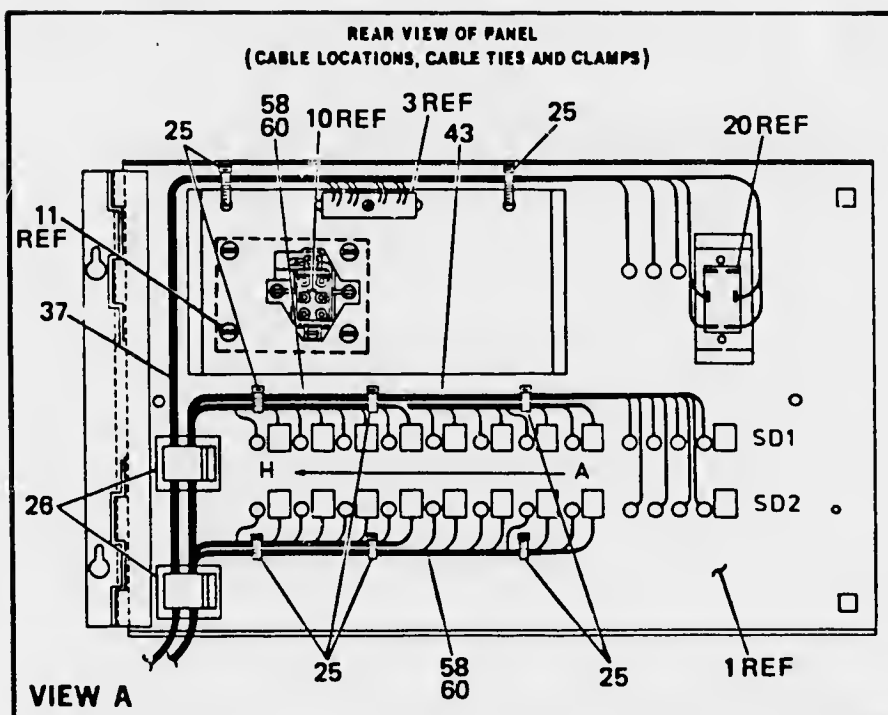
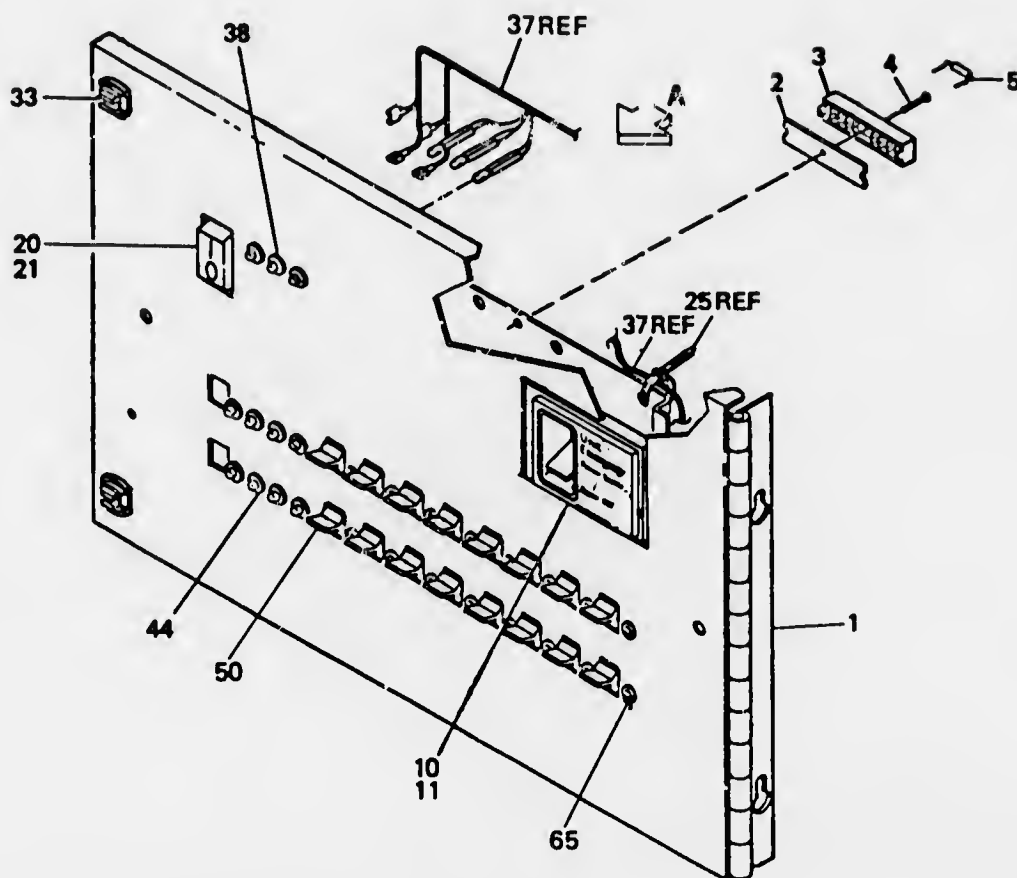
FIGURE 1/E08. PANEL ASM, OPERATOR (1, 2, 4 CHANNEL)



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
E08-	NP	REF	PANEL ASM, OPERATOR (1, 2, 4 CHANNEL) FOR NEXT HIGHER ASM SEE FRAME 1/B16	
- 1	4797633	(1)	• PANEL, OPERATOR	
- 2	302131	(1)	• INSULATOR, EDGE CONNECTOR	
- 3	302090	(1)	• EDGE CONNECTOR ASM, 24 FEMALE CONTACTS (EC 501)	
- 4	1621172	(1)	• SCREW, METRIC-SLOT PAN HD M3 X 10MM LONG	
- 5	4797392	(2)	• RESISTOR ASM EC 501-H2 TO E 501-D1 EC 501-G TO EC 501-C	
- 6	2342959	(1)	• CABLE ASM, SWITCH (SD1) TIE BACK LEDS THAT ARE NOT USED	
- 7	2342959	(1)	• CABLE ASM, SWITCH (SD2) TIE BACK LEDS THAT ARE NOT USED	
- 10	2342960	(1)	• CABLE ASM, LED (SD1)	
- 10A	1590008	(4)	• • DIODE, LIGHT EMITTING (LED-AMBER) FOR CABLE COMPONENTS SEE FRAME 2/D15 TIE BACK LEDS THAT ARE NOT USED	
- 11	2342960	(1)	• CABLE ASM, LED (SD2)	
- 11A	1590008	(4)	• • DIODE, LIGHT EMITTING (LED-AMBER) FOR CABLE COMPONENTS SEE FRAME 2/D15 TIE BACK LEDS THAT ARE NOT USED	
- 12	2744256	(AR)	• KIT, LED MOUNTING	
- 13	4797095	(AR)	• SWITCH, ENABLE/DISABLE (SD1-A, -B, -C, -D AND SD2-A, -B, -C, -D)	
- 15	4521304	(1)	• SWITCH ASM, EMERGENCY (ENGLISH) FOR DETAIL BREAKDOWN SEE FRAME 1/E12	
- 16	1621666	(4)	• SCREW, METRIC-THD CUT SLOT PAN HD M3.5 X 8MM LONG	
- 20	4797456	(1)	• SWITCH, 28VDC/1A (ON - OFF)	
- 21	1621170	(2)	• SCREW, METRIC-SLOT PAN HD M3 X 6MM LONG	
- 25	2513268	(AR)	• CLAMP, CABLE (SMALL) LOCATE APPROXIMATELY AS SHOWN	
- 26	2513270	(1)	• CLAMP, CABLE (LARGE) LOCATE APPROXIMATELY AS SHOWN	
- 27	1159519	(2)	• TIE, CABLE (152.4 MM LG) LOCATE APPROXIMATELY AS SHOWN	
- 33	4511405	(2)	• LATCH, PANEL	
- 37	4797631	(1)	• CABLE ASM, INTERNAL	
- 37A	1589880	(1)	• • DIODE, LIGHT EMITTING (LED-RED)	
- 37B	1590007	(2)	• • DIODE, LIGHT EMITTING (LED-GREEN) FOR CABLE COMPONENTS SEE FRAME 2/D15	
- 38	2744256	(3)	• KIT, LED MOUNTING	
- 43	949946	(1)	• CABLE ASM, STATUS INDICATOR	

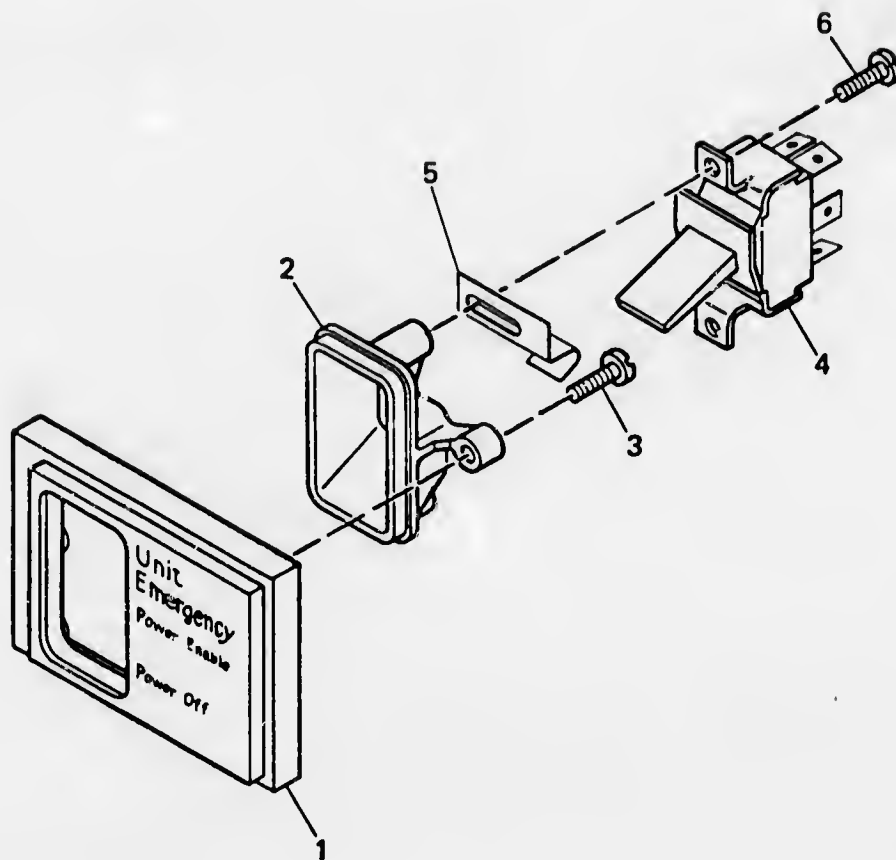
END OF ASSEMBLY (EC 462857) 2342916/2342951 REF

FIGURE 1/E10. PANEL ASM, OPERATOR (8 CHANNEL)



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
E10-	NP	REF	PANEL ASM, OPERATOR (8 CHANNEL) FOR NEXT HIGHER ASM SEE FRAME 1/B16	
- 1	4797085	(1)	• PANEL, OPERATOR (8 CHANNEL)	
- 2	302131	(1)	• INSULATOR, EDGE CONNECTOR	
- 3	302090	(1)	• EDGE CONNECTOR ASM, 24 FEMALE CONTACTS (EC 501)	
- 4	1621172	(1)	• SCREW, METRIC-SLOT PAN HD M3 X 10MM LONG	
- 5	4797392	(2)	• RESISTOR ASM EC 501-H TO EC 501-D EC 501-G TO EC 501-C	
- 10	4521304	(1)	• SWITCH ASM, EMERGENCY (ENGLISH) FOR DETAIL BREAKDOWN SEE FRAME 1/E12	
- 11	1621666	(4)	• SCREW, METRIC-THD CUT SLOT PAN HD M3.5 X 8MM LONG	
- 20	4797456	(1)	• SWITCH, 28VDC/1A	
- 21	1621170	(2)	• SCREW, METRIC-SLOT PAN HD M3 X 6MM LONG	
- 25	1159519	(8)	• TIE, CABLE (152.4 MM LG) LOCATE APPROXIMATELY AS SHOWN	
- 26	2513270	(2)	• CLAMP, CABLE (LARGE) LOCATE APPROXIMATELY AS SHOWN	
- 33	4511405	(2)	• LATCH, PANEL	
- 37	4797631	(1)	• CABLE ASM, INTERNAL	
- 37A	1589880	(1)	• DIODE, LIGHT EMITTING (LED-RED)	
- 37B	1590007	(2)	• DIODE, LIGHT EMITTING (LED-GREEN) FOR CABLE COMPONENTS SEE FRAME 2/D15	
- 38	2744256	(3)	• KIT, L.E.D. MTG	
- 43	949946	(1)	• CABLE ASM, STATUS INDICATOR	
- 44	2744256	(8)	• KIT, L.E.D. MTG	
- 50	4797095	(16)	• SWITCH ASM, ENABLE/DISABLE	
- 58	2342959	(4)	• CABLE ASM, SWITCH POS . . FROM SWITCH AT 502 . . SD1 CHANNEL A, B, C, D 504 . . SD2 CHANNEL A, B, C, D 507 . . SD1 CHANNEL E, F, G, H 509 . . SD2 CHANNEL E, F, G, H	
- 60	2342960	(4)	• CABLE ASM, L.E.D.'S	
- 60A	1590008	(4)	• DIODE, LIGHT EMITTING (LED-AMBER) FOR CABLE COMPONENTS SEE FRAME 2/D15 POS . . FROM L.E.D.'S AT 501 . . SD1 CHANNEL A, B, C, D 503 . . SD2 CHANNEL A, B, C, D 506 . . SD1 CHANNEL E, F, G, H 508 . . SD2 CHANNEL E, F, G, H	
- 65	2744256	(16)	• KIT, L.E.D. MTG	
END OF ASSEMBLY (EC 462857M) 2342917 REF				

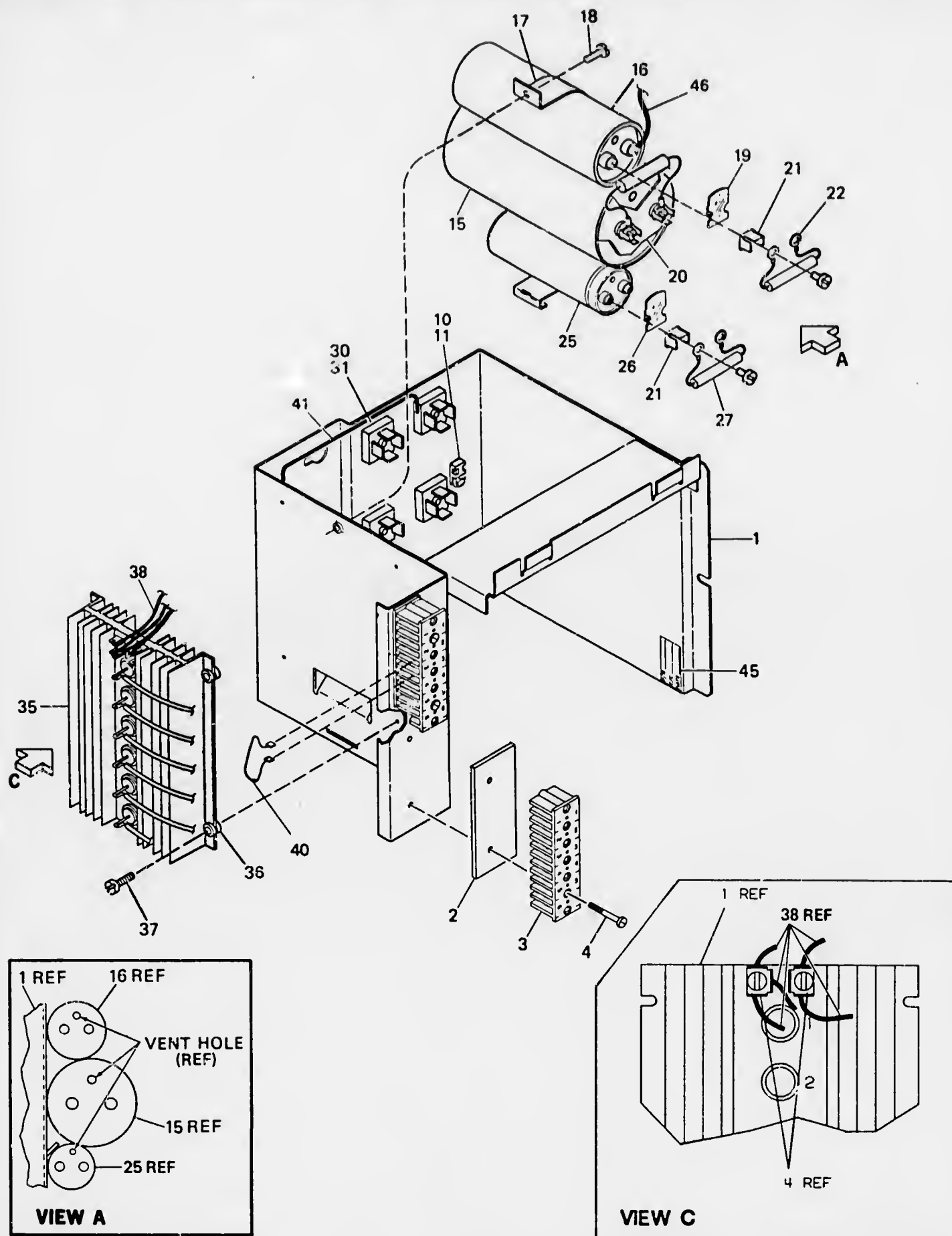
FIGURE 1/E12. SWITCH ASM, UNIT EMERGENCY



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
E12-	SELECT	REF	SWITCH ASM, UNIT EMERGENCY	
-	4521304	REF	SWITCH ASM, EMER (ENGLISH)	A
-	4797002	REF	SWITCH ASM, EMER (GERMAN)	B
-	4797004	REF	SWITCH ASM, EMER (SPANISH)	C
-	4797006	REF	SWITCH ASM, EMER (ITALIAN)	D
-	4797008	REF	SWITCH ASM, EMER (JAPANESE)	E
-	4797369	REF	SWITCH ASM, EMER (BRAZIL-PORTUGUESE)	F
-	4797372	REF	SWITCH ASM, EMER (CANADA-FR/FRENCH)	G
-	4797375	REF	SWITCH ASM, EMER (FINNISH)	H
-	4797378	REF	SWITCH ASM, EMER (DUTCH)	J
			FOR NEXT HIGHER ASM SEE FRAME 1/A16, 1/E08, 1/E10	
- 1	4521358	(1)	• PLATE, SWITCH (ENGLISH).	A
- 1	4797001	(1)	• PLATE, SWITCH (GERMAN).	B
- 1	4797003	(1)	• PLATE, SWITCH (SPANISH)	C
- 1	4797005	(1)	• PLATE, SWITCH (ITALIAN)	D
- 1	4797007	(1)	• PLATE, SWITCH (JAPANESE)	E
- 1	4797367	(1)	• PLATE, SWITCH (BRAZIL-PORTUGUESE)	F
- 1	4797370	(1)	• PLATE, SWITCH (CANADA-FR/FRENCH)	G
- 1	4797373	(1)	• PLATE, SWITCH (FINNISH)	H
- 1	4797376	(1)	• PLATE, SWITCH (DUTCH)	J
- 2	4521357	(1)	• HOUSING, SWITCH	
- 3	1621668	(2)	• SCREW, METRIC-THD CUT SLOT PAN HD M3.5 X 12MM LONG	
- 4	4521305	(1)	• SWITCH, EMERGENCY	
- 5	2550856	(1)	• SPRING, LOCKOUT	
- 6	1621665	(2)	• SCREW, METRIC-THD CUT SLOT PAN HD M3.5 X 6MM LONG	

END OF ASSEMBLY (EC 462795) 4521304 REF

FIGURE 1/E14. POWER SUPPLY ASM, BULK (1, 2 AND 4 CHANNEL)



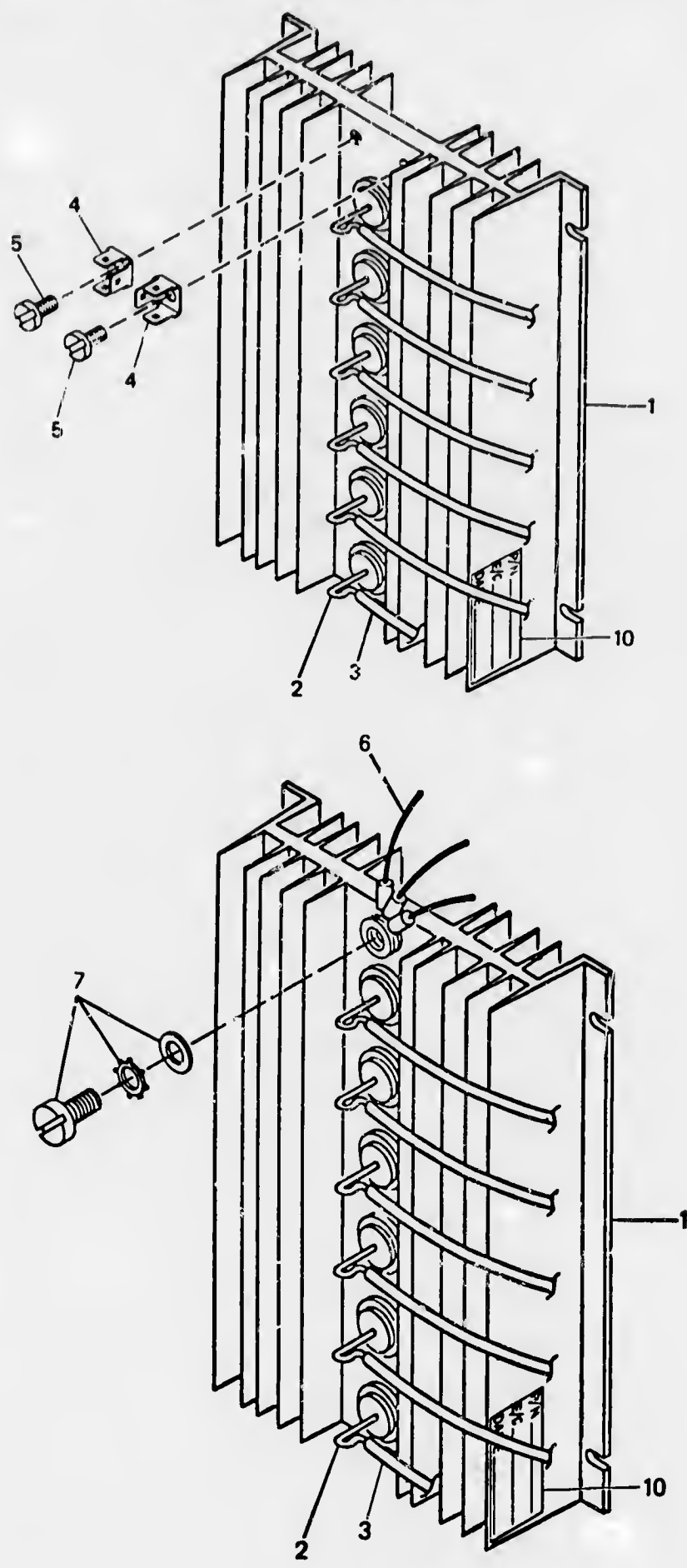
LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE A USED ON MACHINES WITH HDSCS
NOTE B USED ON MACHINES W/O HDSCS

E14-	SELECT	REF	POWER SUPPLY ASM, BULK (1, 2 AND 4 CHANNEL)	
-	4801837	REF	POWER SUPPLY ASM, BULK (1, 2 AND 4 CHANNEL)	A
-	949995	REF	POWER SUPPLY ASM, BULK (1, 2 AND 4 CHANNEL)	B
			FOR 8 CHANNEL BULK POWER SUPPLY SEE FRAME 2/A04	
			FOR NEXT HIGHER ASM SEE FRAME 1/C02	
- 1	NP	(1)	• HOUSING, POWER SUPPLY	
- 2	1726332	(2)	• INSULATOR, 6 POS	
- 3	1726333	(2)	• TERMINAL BLOCK ASM, 6 POS (TB202, TB203)	
- 4	1621196	(4)	• SCREW, METRIC-SLOT PAN HD M4 X 30MM LONG	
- 10	2277579	(1)	• MOUNT, CABLE TIE	
- 11	1621811	(1)	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 10MM LG	
- 15	5796393	(1)	• CAPACITOR, ELECTROLYTIC 120, 000 MFD 15V	
- 16	1649555	(1)	• CAPACITOR, 10 VDC (C204)	
- 17	949999	(1)	• STRAP	
- 18	1621820	(1)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 16MM LG	
- 19	2336654	(1)	• SHIELD	
- 20	631769	(1)	• SHIELD	
- 21	4511278	(6)	• TERMINAL	
- 22	501565	(2)	• RESISTOR ASM, 50 OHM 10W (R204, R205)	
- 25	4406545	(1)	• CAPACITOR, 30 VDC (C206)	
- 26	2336654	(1)	• SHIELD	
- 27	2757154	(1)	• RESISTOR ASM, 150 OHM/10W	
- 30	4429941	(6)	• RECTIFIER (CR207 THRU 212)	
- 31	1621815	(6)	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 20MM LG	
- 35	4801832	(1)	• RECTIFIER ASM, BULK POWER SUPPLY.	A
			FOR DETAIL BREAKDOWN SEE FRAME 1/E16	
			CR201 TO TB203-1	
			CR202 TO TB203-2	
			CR203 TO TB203-3	
			CR204 TO TB203-4	
			CR205 TO TB203-5	
			CR206 TO TB203-6	
- 35	949997	(1)	• RECTIFIER ASM, BULK POWER SUPPLY.	B
			FOR DETAIL BREAKDOWN SEE FRAME 1/E16	
			HEAT-SINK TO TB 202-4	
			HEAT-SINK TO TB 202-5	
			HEAT-SINK TO TB 202-6	
			CR201 TO TB203-1	
			CR202 TO TB203-2	
			CR203 TO TB203-3	
			CR204 TO TB203-4	
			CR205 TO TB203-5	
			CR206 TO TB203-6	
- 36	4797037	(4)	• INSULATOR	
- 37	2549561	(4)	• SCREW, METRIC THD FORM-HEX HD M3 10MM LONG	
- 38	4801799	(5)	• JUMPER ASM.	A
			HEAT SINK TO TB202-4 (2X)	
			HEAT SINK TO TB202-5 (2X)	
			HEAT SINK TO TB202-6	
- 40	2342655	(4)	• CABLE ASM, JUMPER	
			CONNECT JUMPERS AS FOLLOWS	
			TB202-1 TO TB202-2	
			TB202-2 TO TB202-3	
			TB202-4 TO TB202-5	
			TB202-5 TO TB202-6	
- 41	949996	(1)	• CABLE ASM, BULK (VM)	
- 45	2749390	(1)	• LABEL, E/C	
- 46	2342657	(1)	• CABLE ASM, JUMPER (C204+ TO TB202-5)	

END OF ASSEMBLY (EC 458447)

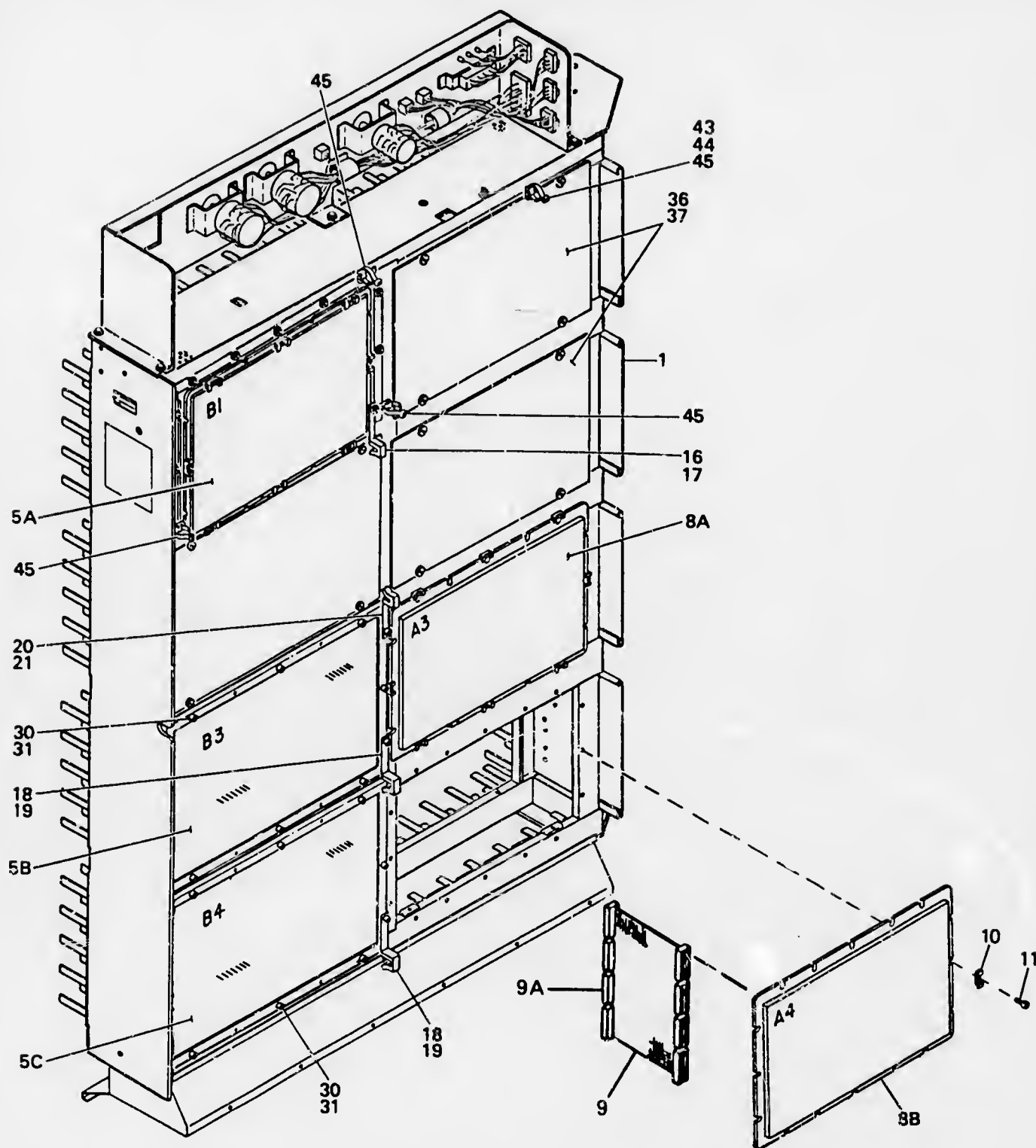
FIGURE 1/E16. RECTIFIER ASM, BULK POWER SUPPLY



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
NOTE A USED ON MACHINES WITH HDSCS				
NOTE B USED ON MACHINES W/O HDSCS				
E16-	SELECT	REF	RECTIFIER ASM	
-	4801832	REF	RECTIFIER ASM, BULK POWER SUPPLY	A
-	949997	REF	RECTIFIER ASM, BULK POWER SUPPLY	B
FOR NEXT HIGHER ASM SEE FRAME 1/E14				
- 1	4801761	(1)	• HEAT SINK, RECTIFIER	A
- 1	4797140	(1)	• HEAT SINK, RECTIFIER	B
- 2	4216027	(6)	• RECTIFIER, 20A	
- 2	2392039	(6)	• RECTIFIER, 20A . . . (OPTIONAL)	
- 3	4797648	(6)	• CABLE ASM, JUMPER	A
- 4	4511278	(2)	• TERMINAL, 3 POSITION	A
- 5	1621191	(2)	• SCREW, METRIC-SLOT PAN HD M4 X 10MM LONG	A
- 6	4797648	(6)	• CABLE ASM, JUMPER	B
- 7	1621230	(1)	• SCREW, METRIC-SLOT PAN HD M6 X 12MM LONG	B
- 7	1622306	(1)	• WASHER, METRIC FLAT 6.6 ID X 12.5 OD X 1.6 THICK	B
- 7	1622348	(1)	• LOCKWASHER, METRIC-EXT TOOTH 6.4 ID X 11 OD	B
- 10	2749390	(1)	• LABEL, EC	

END OF ASSEMBLY (EC 458447)

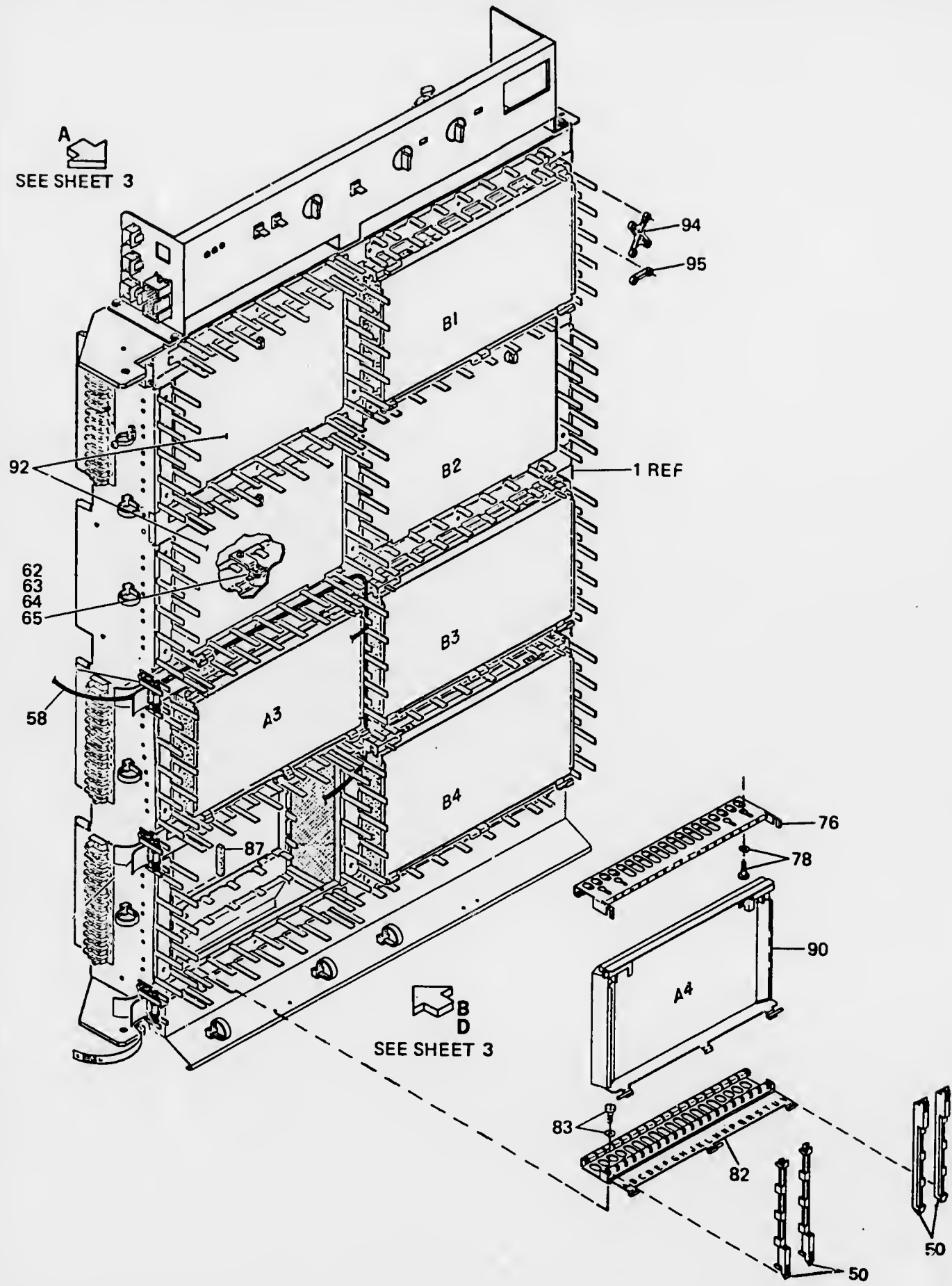
FIGURE 1/D02. GATE ASM. LOGIC (4 CHANNEL) SHT 1 OF 4



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
D02-	NP	REF	GATE ASM, LOGIC (4 CHANNEL) SHT 1 OF 4 FOR NEXT HIGHER ASM SEE FRAME 1/B16	
- 1	NP	(1)	• GATE ASM, LOGIC (BASIC) FOR DETAIL BREAKDOWN SEE FRAME 1/D18	
- 5A	SELECT	REF	• BOARD ASM, LOGIC (B-1)	
- 5B	SELECT	REF	• BOARD ASM, LOGIC (B-3)	
- 5C	SELECT	REF	• BOARD ASM, LOGIC (B-4)	
- 8A	SELECT	REF	• BOARD ASM, LOGIC (A-3)	
- 8B	SELECT	REF	• BOARD ASM, LOGIC (A-4) FOR PART NUMBERS SEE LOGIC DIAGRAMS	
- 9	SELECT	REF	• CARD ASM, LOGIC FOR PART NUMBERS SEE LOGIC DIAGRAMS	
- 9A	1809813	REF	• • SHROUD, CARD	
- 10	813179	(24)	• CLAMP, BOARD	
- 11	811417	(24)	• SCREW, THD FORM-HEX SOC HD 6-32 X .500 LONG	
- 16	2732317	(1)	• RETAINER ASM, LEFT	
- 17	811417	(1)	• SCREW, THD FORM-HEX SOC HD 6-32 X .500 LONG	
- 18	2732317	(2)	• RETAINER ASM, LEFT	
- 19	2181088	(2)	• SCREW, THD FORM-HEX SOC HD 6-32 X .875 LONG	
- 20	2732316	(1)	• RETAINER ASM, RIGHT	
- 21	2181088	(1)	• SCREW, THD FORM-HEX SOC HD 6-32 X .875 LONG	
- 30	22066	(16)	• WASHER, FLAT .140 ID X .281 OD X .025 THICK	
- 31	2181088	(16)	• SCREW, THD FORM-HEX SOC HD 6-32 X .875 LONG	
- 36	819431	(2)	• COVER	
- 37	2181005	(8)	• SCREW, THD FORM-HEX WSHR HD 6-32 X .375 LONG	
- 43	533782	(1)	• MOUNT, CABLE TIE	
- 44	2181005	(1)	• SCREW, THD FORM-HEX WSHR HD 6-32 X .375 LONG	
- 45	1159913	(4)	• TIE, CABLE	

END OF SHEET 1 OF 4 (EC 462845) 4801907 REF

FIGURE 1/D04. GATE ASM, LOGIC (4 CHANNEL) SHT 2 OF 4



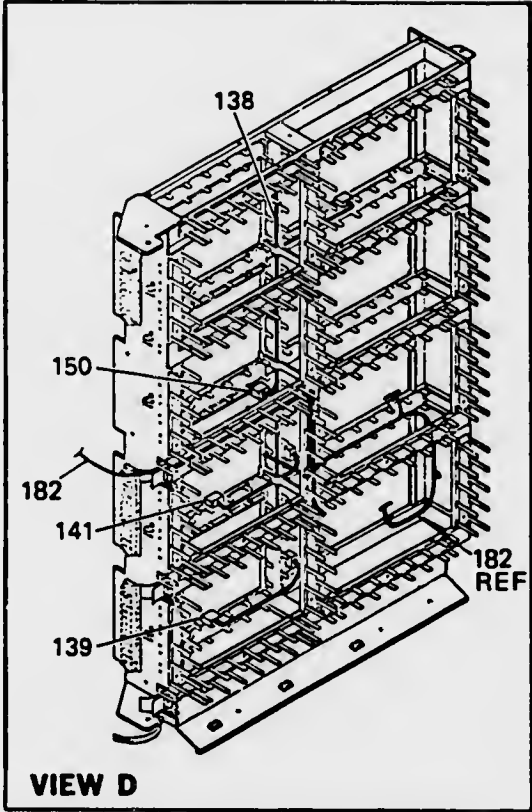
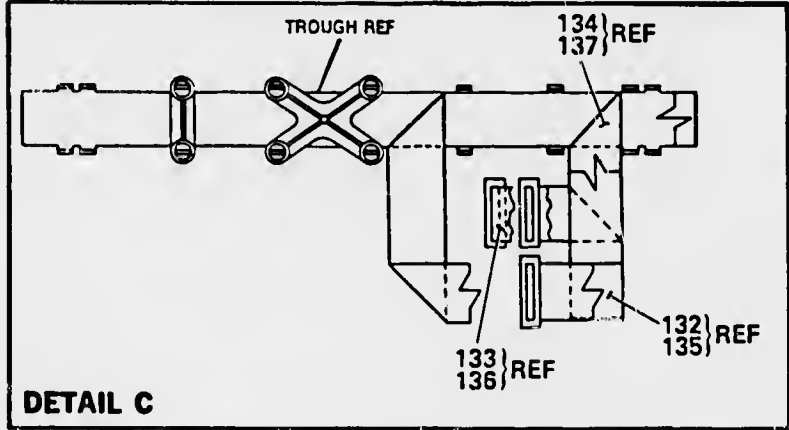
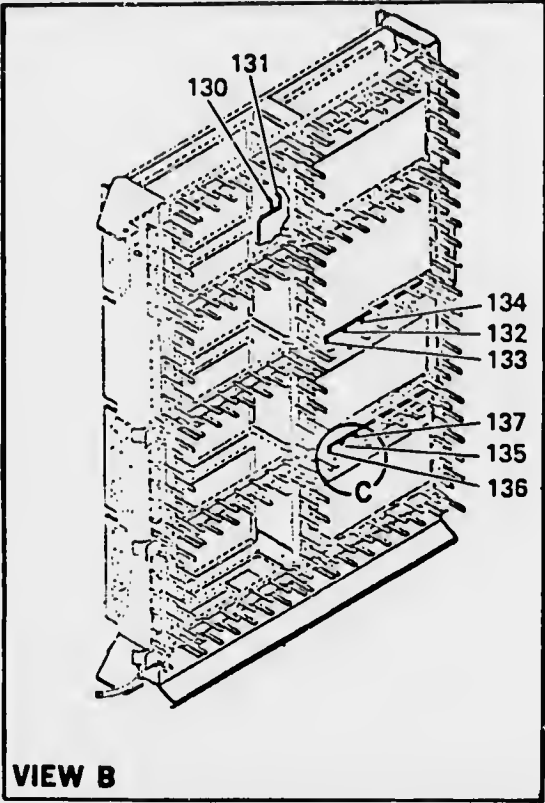
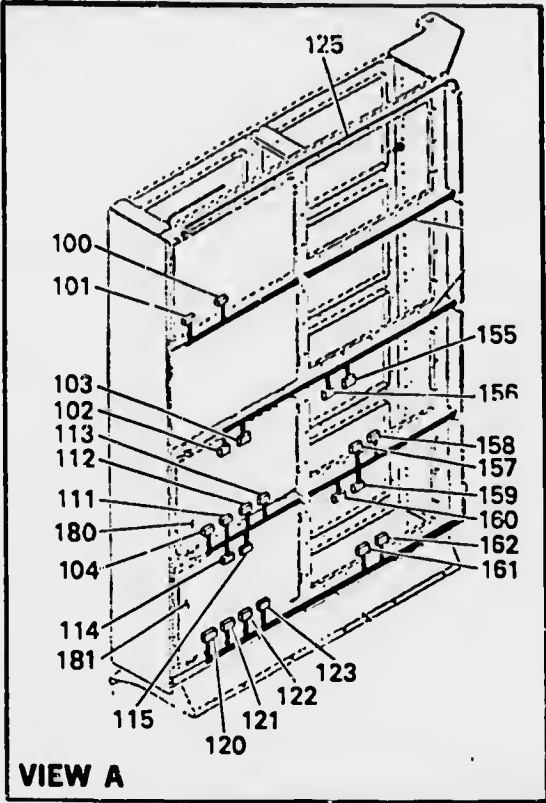
LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE A FOR WTC ONLY

D04.	NP	REF	GATE ASM, LOGIC (4 CHANNEL) SHT 2 OF 4 FOR NEXT HIGHER ASM SEE FRAME 1/B16	
- 50	4139583	(15)	• BRACKET ASM, INTERMIX A3 POS B A3 POS U A4 POS B A4 POS U B1 POS A B1 POS B B1 POS V B3 POS A B3 POS B B4 POS A B4 POS B A3 POS A A3 POS V A4 POS A A4 POS V	
- 58	2342958	(2)	• CABLE ASM, GATE SIG TO OP PNL	
- 62	5501993	(1)	• SWITCH, THERMAL	
- 63	4797291	(1)	• BRACKET, THERMAL SW	
- 64	2333419	(1)	• FASTENER	
- 65	1621829	(1)	• SCREW, METRIC-THD FORM HEX WSHR HD M3 X 6MM LG	
- 65	1621844	(1)	• SCREW, METRIC-THD FORM SLOT PAN HD M3 X 6MM LG A	
- 76	2290607	(2)	• GUIDE, CARD (UPPER)	
- 78	2342737	(4)	• SCREW	
- 32	2290613	(2)	• GUIDE, CARD (LOWER)	
- 83	2342737	(4)	• SCREW	
- 87	817905	(4)	• SEAL	
- 90	2346506	(2)	• COVER ASM, CARD FOR DETAIL BREAKDOWN SEE FRAME 1/E06	
- 90	4057722	(2)	• COVER ASM, CARD. A	
- 92	4797569	(2)	• COVER ASM, GATE	
- 94	813519	(22)	• X-STRAP, CABLE	
- 95	811427	(65)	• STRAP, CABLE	

END OF SHEET 2 OF 4 (EC 462845) 4801907 REF

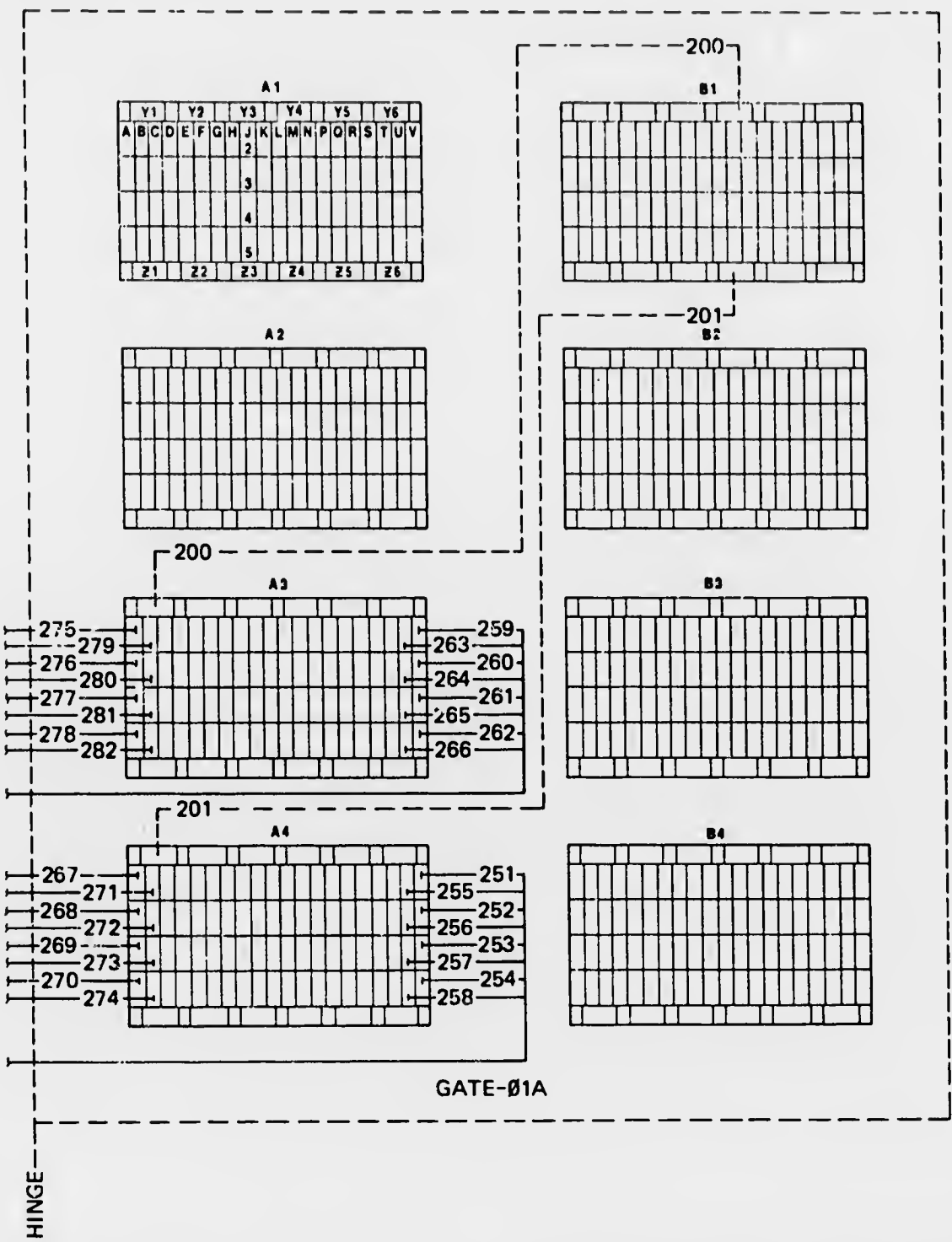
FIGURE 1/D06. GATE ASM, LOGIC (4 CHANNEL) SHT 3 OF 4



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
D06-	NP	REF	GATE ASM, LOGIC (4 CHANNEL) SHT 3 OF 4 FOR NEXT HIGHER ASM SEE FRAME 1/B16	
-100	2342832	(1)	• CABLE ASM, GTB1 TO B1Z3 RETURN	
-101	2342833	(1)	• CABLE ASM, GTB1 TO B1Z5 +5V	
-102	2342787	(1)	• CONDUCTOR ASM, FDS GTB3 TO B3YE +5V	
-103	2342786	(1)	• CONDUCTOR ASM, FDS GTB3 TO B3YD RETURN	
-104	2342784	(1)	• CONDUCTOR ASM, FDS GTB3 TO B3ZG +8.5V, -5V	
-111	2342783	(1)	• CONDUCTOR ASM, FDS GTB3 TO B3ZF +7.25V, +3V	
-112	2342785	(1)	• CONDUCTOR ASM, FDS GTB3 TO B3ZE RETURN	
-113	2342782	(1)	• CONDUCTOR ASM, FDS GTB3 TO B3ZC +6V, -1.5V	
-114	2342793	(1)	• CONDUCTOR ASM, FDS GTB4 TO B4YE +5V	
-115	2342792	(1)	• CONDUCTOR ASM, FDS GTB4 TO B4YD RETURN	
-120	2342790	(1)	• CONDUCTOR ASM, FDS GTB4 TO B4ZG +8.5V, -5V	
-121	2342789	(1)	• CONDUCTOR ASM, FDS GTB4 TO B4ZF +7.25V, +3V	
-122	2342791	(1)	• CONDUCTOR ASM, FDS GTB4 TO B4ZE RETURN	
-123	2342788	(1)	• CONDUCTOR ASM, FDS GTB4 TO B4ZC +6V, -1.5V	
-125	2290553	(1)	• CABLE ASM, GTB1 TO BOARD B1	
-130	4797488	(1)	• CABLE ASM, B1Z2 TO B4ZD	
-131	4797489	(1)	• CABLE ASM, B1Z3 TO B3ZD	
-132	4797496	(1)	• CABLE ASM, B1S2Z TO B4Q2X	
-133	4797494	(1)	• CABLE ASM, B1T2Y TO B3P2W	
-134	4797492	(1)	• CABLE ASM, B1T2W TO B3Q2W	
-135	4797493	(1)	• CABLE ASM, B1T2X TO B3Q2X	
-136	4797497	(1)	• CABLE ASM, B1S2Y TO B4P2W	
-137	4797495	(1)	• CABLE ASM, B1S2W TO B4Q2W	
-138	2379432	(2)	• CABLE ASM, 4 X 1 SW-V SENSE A3Y1 TO B1Y4 A4Y1 TO B1Z4	
-139	4797534	(1)	• CABLE GRP, FLAT (SWITCH 1 TO SD 1)	
-141	4797535	(1)	• CABLE GRP, FLAT (SWITCH 2 TO SD 2)	
-150	4797619	(1)	• CABLE ASM, THERMAL	
-155	4797517	(1)	• CONNECTOR ASM, FDS 01A A3Z2	
-156	4797518	(1)	• CONNECTOR ASM, FDS 01A A3Z3	
-157	4797519	(1)	• CONNECTOR ASM, FDS 01A A3Y4	
-158	4797520	(1)	• CONNECTOR ASM, FDS 01A A3Y3	
-159	4797521	(1)	• CONNECTOR ASM, FDS 01A A4Z2	
-160	4797522	(1)	• CONNECTOR ASM, FDS 01A A4Z3	
-161	4797523	(1)	• CONNECTOR ASM, FDS 01A A4Y4	
-162	4797524	(1)	• CONNECTOR ASM, FDS 01A A4Y3	
-180	819411	(6)	• EXTENDER, CABLE B3 POS A2 B3 POS B2 B3 POS A3 B3 POS B3 B3 POS A5 B3 POS B5	
-181	819411	(6)	• EXTENDER, CABLE B4 POS A2 B4 POS B2 B4 POS A3 B4 POS B3 B4 POS A5 B4 POS B5	
-182	949945	(1)	• CABLE ASM	

END OF SHEET 3 OF 4 (EC 462845) 4901907 REF

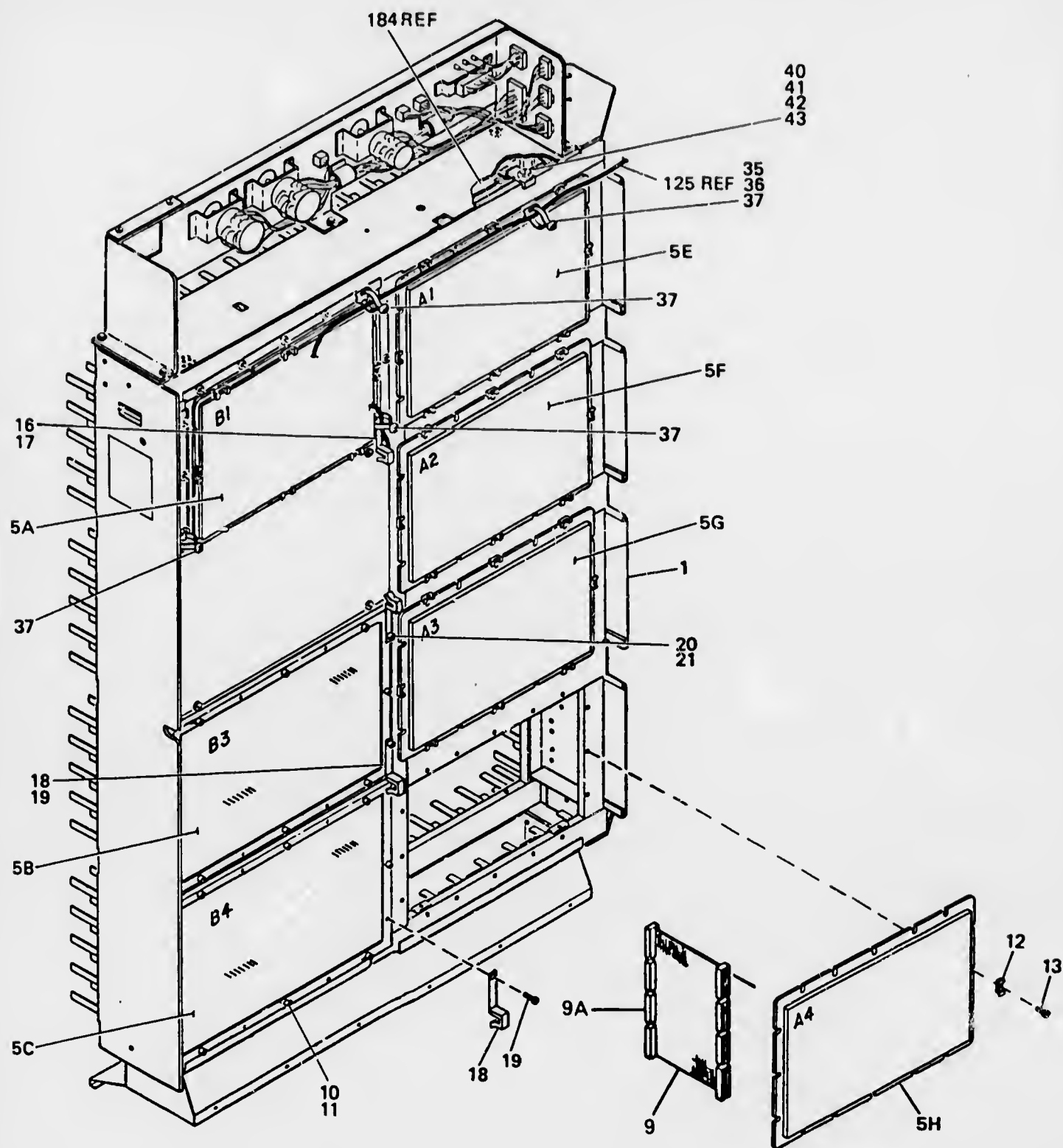
FIGURE 1/D08. GATE ASM, LOGIC (4 CHANNEL) SHT 4 OF 4



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
D08-	NP	REF	GATE ASM, LOGIC (4 CHANNEL) SHT 4 OF 4 FOR NEXT HIGHER ASM SEE FRAME 1/B16	
-200	2379432	REF	• CABLE ASM, 01A-A3Y1 TO 01A-B1Y4	
-201	2379432	REF	• CABLE ASM, 01A-A4Y1 TO 01A-B1Z4	
-251	4797482	(1)	• CABLE ASM, 01A-A4V2 / 01T-A1CD / 01T-A1ED	
-251	4797482	(1)	• CABLE ASM, 01A-A4V2 / 01T-A1CD / 01T-A1ED	
-252	4797482	(1)	• CABLE ASM, 01A-A4V3 / 01T-A1CJ / 01T-A1EJ	
-253	2679456	(1)	• CABLE ASM, 01A-A4V4 / 01T-A1DD / 01T-A1FD	
-254	4797482	(1)	• CABLE ASM, 01A-A4V5 / 01T-A1DJ / 01T-A1FJ	
-255	4797482	(1)	• CABLE ASM, 01A-A4U2 / 01T-A1GD / 01T-A1JD	
-256	4797482	(1)	• CABLE ASM, 01A-A4U3 / 01T-A1GJ / 01T-A1JJ	
-257	2679456	(1)	• CABLE ASM, 01A-A4U4 / 01T-A1HD / 01T-A1KD	
-258	4797482	(1)	• CABLE ASM, 01A-A4U5 / 01T-A1HJ / 01T-A1KJ	
-259	4797482	(1)	• CABLE ASM, 01A-A3V2 / 01T-A2CD / 01T-A2ED	
-260	4797482	(1)	• CABLE ASM, 01A-A3V3 / 01T-A2CJ / 01T-A2EJ	
-261	2679456	(1)	• CABLE ASM, 01A-A3V4 / 01T-A2DD / 01T-A2FD	
-262	4797482	(1)	• CABLE ASM, 01A-A3V5 / 01T-A2DJ / 01T-A2FJ	
-263	4797482	(1)	• CABLE ASM, 01A-A3U2 / 01T-A2GD / 01T-A2JD	
-264	4797482	(1)	• CABLE ASM, 01A-A3U3 / 01T-A2GJ / 01T-A2JJ	
-265	2679456	(1)	• CABLE ASM, 01A-A3U4 / 01T-A2HD / 01T-A2KD	
-266	4797482	(1)	• CABLE ASM, 01A-A3U5 / 01T-A2HJ / 01T-A2KJ	
-267	2314724	(1)	• CABLE ASM, 01A-A4A2 / 01T-A1LD / 01T-A1NO	
-268	2314724	(1)	• CABLE ASM, 01A-A4A3 / 01T-A1LJ / 01T-A1NJ	
-269	2679457	(1)	• CABLE ASM, 01A-A4A4 / 01T-A1MD / 01T-A1PD	
-270	2314724	(1)	• CABLE ASM, 01A-A4A5 / 01T-A1MJ / 01T-A1PJ	
-271	2314724	(1)	• CABLE ASM, 01A-A4B2 / 01T-A1QD / 01T-A1SD	
-272	2314724	(1)	• CABLE ASM, 01A-A4B3 / 01T-A1QJ / 01T-A1SJ	
-273	2679457	(1)	• CABLE ASM, 01A-A4B4 / 01T-A1RD / 01T-A1TD	
-274	2314724	(1)	• CABLE ASM, 01A-A4B5 / 01T-A1RJ / 01T-A1TJ	
-275	2314724	(1)	• CABLE ASM, 01A-A3A2 / 01T-A2LD / 01T-A2NO	
-276	2314724	(1)	• CABLE ASM, 01A-A3A3 / 01T-A2LJ / 01T-A2NJ	
-277	2679457	(1)	• CABLE ASM, 01A-A3A4 / 01T-A2MD / 01T-A2PD	
-278	2314724	(1)	• CABLE ASM, 01A-A3A5 / 01T-A2MJ / 01T-A2PJ	
-279	2314724	(1)	• CABLE ASM, 01A-A3B2 / 01T-A2QD / 01T-A2SD	
-280	2314724	(1)	• CABLE ASM, 01A-A3B3 / 01T-A2QJ / 01T-A2SJ	
-281	2679457	(1)	• CABLE ASM, 01A-A3B4 / 01T-A2RD / 01T-A2TD	
-282	2314724	(1)	• CABLE ASM, 01A-A3B5 / 01T-A2PJ / 01T-A2TJ	

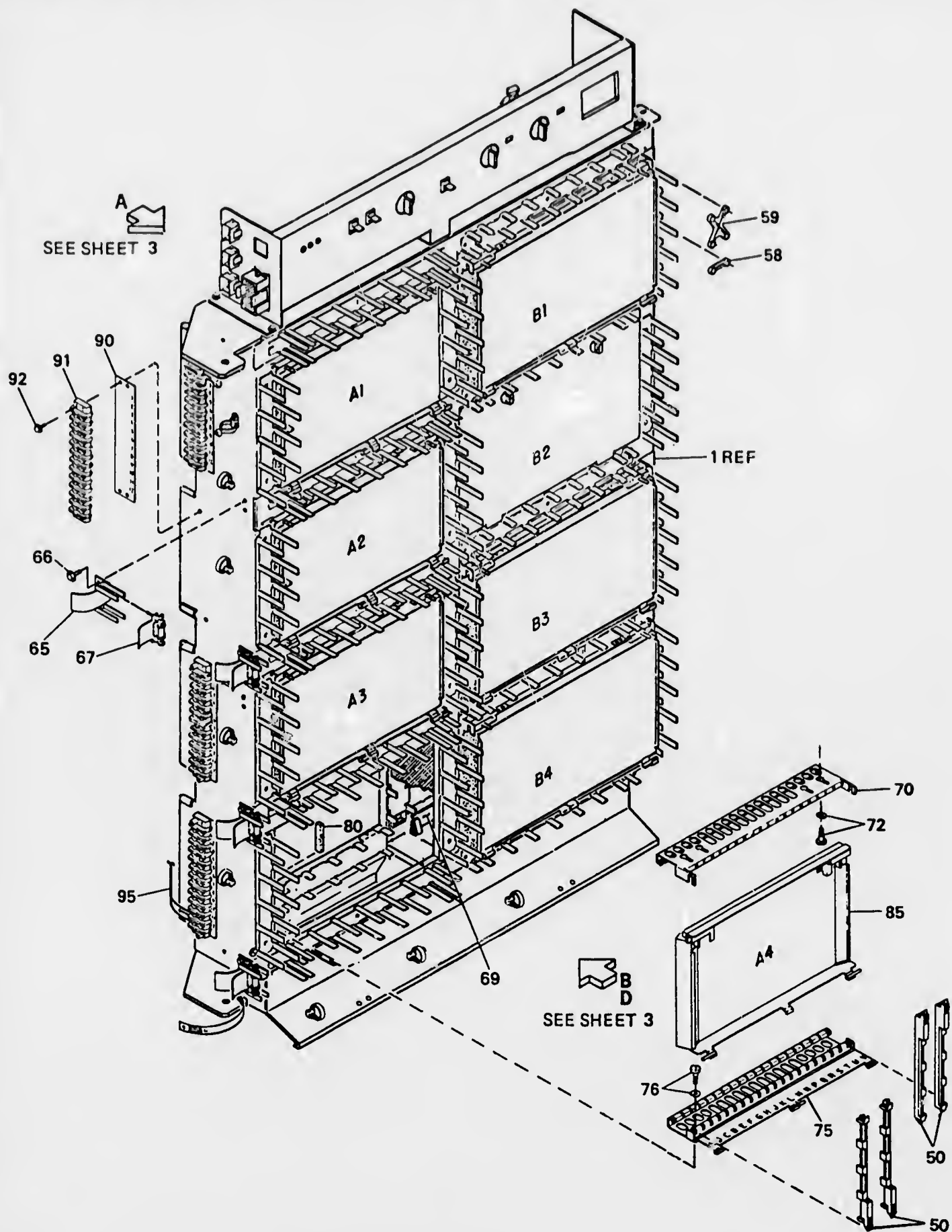
END OF ASSEMBLY. (EC 462845) 4801907 REF

FIGURE 1/D10. GATE ASM, LOGIC (8 CHANNEL) SHT 1 OF 4



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
D10-	NP	REF	GATE ASM, LOGIC (8 CHANNEL) SHT 1 OF 4 FOR NEXT HIGHER ASM SEE FRAME 1/B16	
- 1	NP	(1)	• GATE ASM, LOGIC (BASIC) FOR DETAIL BREAKDOWN SEE FRAME 1/D18	
- 5A	SELECT	REF	• BOARD ASM, LOGIC (B-1)	
- 5B	SELECT	REF	• BOARD ASM, LOGIC (B-3)	
- 5C	SELECT	REF	• BOARD ASM, LOGIC (B-4)	
- 5E	SELECT	REF	• BOARD ASM, LOGIC (A-1)	
- 5F	SELECT	REF	• BOARD ASM, LOGIC (A-2)	
- 5G	SELECT	REF	• BOARD ASM, LOGIC (A-3)	
- 5H	SELECT	REF	• BOARD ASM, LOGIC (A-4) FOR PART NUMBERS SEE LOG DIAGRAMS	
- 9	SELECT	REF	• CARD ASM, LOGIC FOR PART NUMBERS SEE LOG DIAGRAMS	
- 9A	1809813	REF	• • SHROUD, CARD	
- 10	22066	(16)	• WASHER, FLAT .140 ID X .281 OD X .025 THICK	
- 11	2181088	(16)	• SCREW, THD FORM-HEX SOC HD 6-32 X .875 LONG	
- 12	813179	(40)	• CLAMP, BOARD	
- 13	811417	(40)	• SCREW, THD FORM-HEX SOC HD 6-32 X .500 LONG	
- 16	2732317	(1)	• RETAINER ASM, LEFT	
- 17	811417	(1)	• SCREW, THD FORM-HEX SOC HD 6-32 X .500 LONG	
- 18	2732317	(2)	• RETAINER ASM, LEFT	
- 19	2181088	(2)	• SCREW, THD FORM-HEX SOC HD 6-32 X .875 LONG	
- 20	2732316	(1)	• RETAINER ASM, RIGHT	
- 21	2181088	(1)	• SCREW, THD FORM-HEX SOC HD 6-32 X .875 LONG	
- 35	533782	(1)	• BASE, CABLE TIE	
- 36	2181005	(1)	• SCREW, THD FORM-HEX WSHR HD 6-32 X .375 LONG	
- 37	1159913	(4)	• TIE, CABLE	
- 40	949952	(1)	• SWITCH, THERMAL (A1 ROW R)	
- 41	4797291	(1)	• BRACKET, THERMAL SW	
- 42	2333419	(1)	• FASTENER	
- 43	1621811	(1)	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 10MM LG	
END OF SHEET 1 OF 4 (EC 462845) 4801908 REF				

FIGURE 1/D12. GATE ASM, LOGIC (8 CHANNEL) SHT 2 OF 4



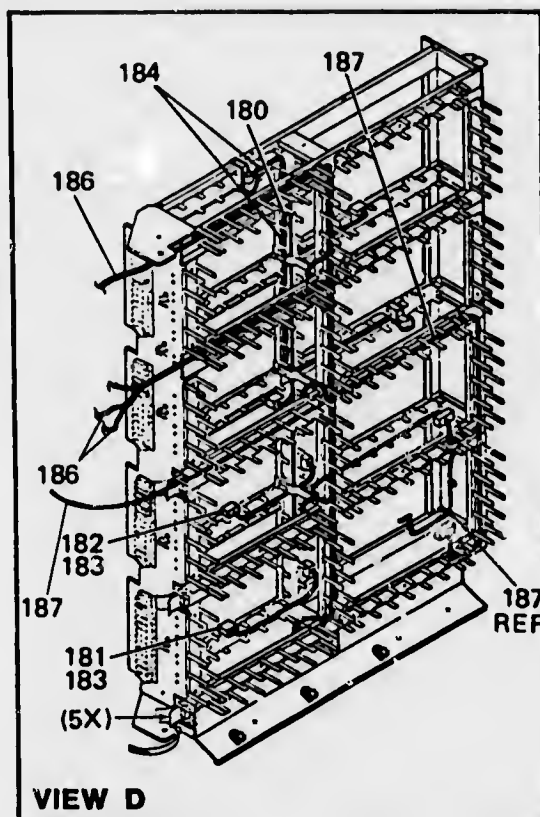
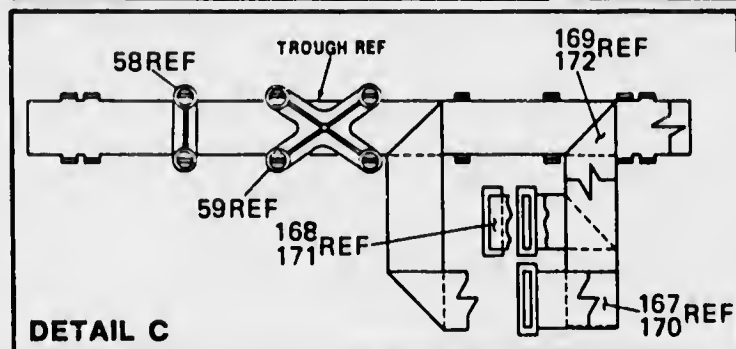
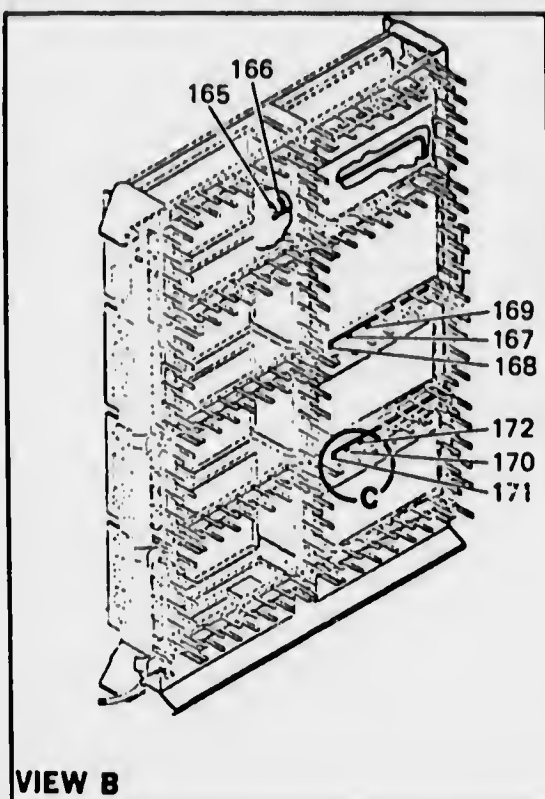
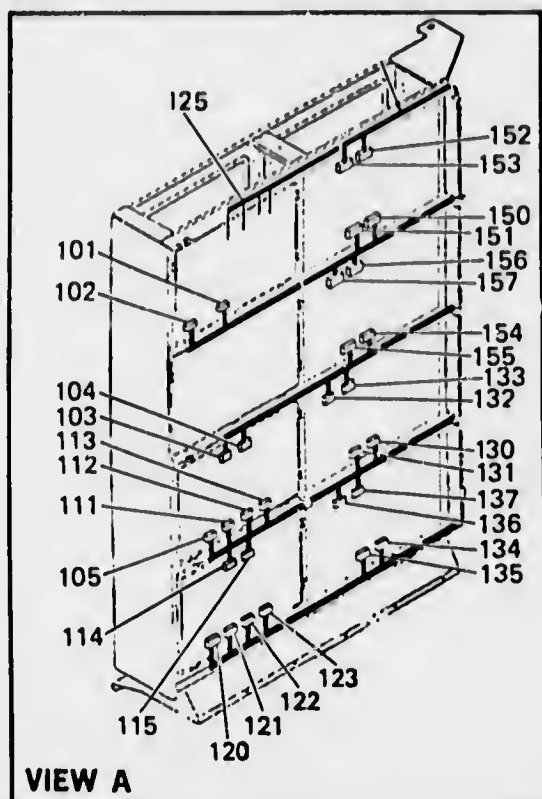
LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE A FOR WTC ONLY

D12-	NP	REF	GATE ASM, LOGIC (8 CHANNEL) SHT 2 OF 4 FOR NEXT HIGHER ASM SEE FRAME 1/B16	
- 50	4139583	(23)	• BRACKET ASM, INTERMIX A1 POS B A1 POS U A2 POS B A2 POS U A3 POS B A3 POS U A4 POS B A4 POS U B1 POS A B1 POS B B1 POS V B3 POS A B3 POS B B4 POS A B4 POS B A1 POS A A1 POS V A2 POS A A2 POS V A3 POS A A3 POS V A4 POS A A4 POS V	
- 58	811427	(65)	• STRAP, CABLE RETAINING..(SEE VIEW C, SHEET 3)	
- 59	813519	(105)	• X-STRAP, CABLE RETAINING..(SEE VIEW C, SHEET 3)	
- 65	815214	(1)	• BACKPLATE	
- 66	1621820	(2)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 16MM LG	
- 67	815225	(1)	• CLAMP ASM, CABLE	
- 69	2183685	(1)	• SUPPORT, CABLE	
- 70	2290607	(4)	• GUIDE, CARD (UPPER)	
- 72	2342737	(8)	• SCREW/LOCKWASHER	
- 75	2290613	(4)	• GUIDE, CARD (LOWER)	
- 76	2342737	(8)	• SCREW/LOCKWASHER	
- 80	817905	(8)	• SEAL	
- 85	2346506	(4)	• COVER ASM, CARD (20 POS) A ROW FOR DETAIL BREAKDOWN SEE FRAME 1/E06	
- 85	4057722	(4)	• COVER ASM, CARD. A	
- 90	510638	(1)	• INSULATOR, FIBER 1-1/2 X 1/32 X 7-3/4 LONG	
- 91	81898	(1)	• TERMINAL BOARD, 12 DBL SCREW TERMINALS	
- 92	1621813	(2)	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 16MM LG	
- 95	2342974	(1)	• CABLE ASM, GT TB-1 THRU GT TB-4	

END OF SHEET 2 OF 4 (EC 462845) 4801908 REF

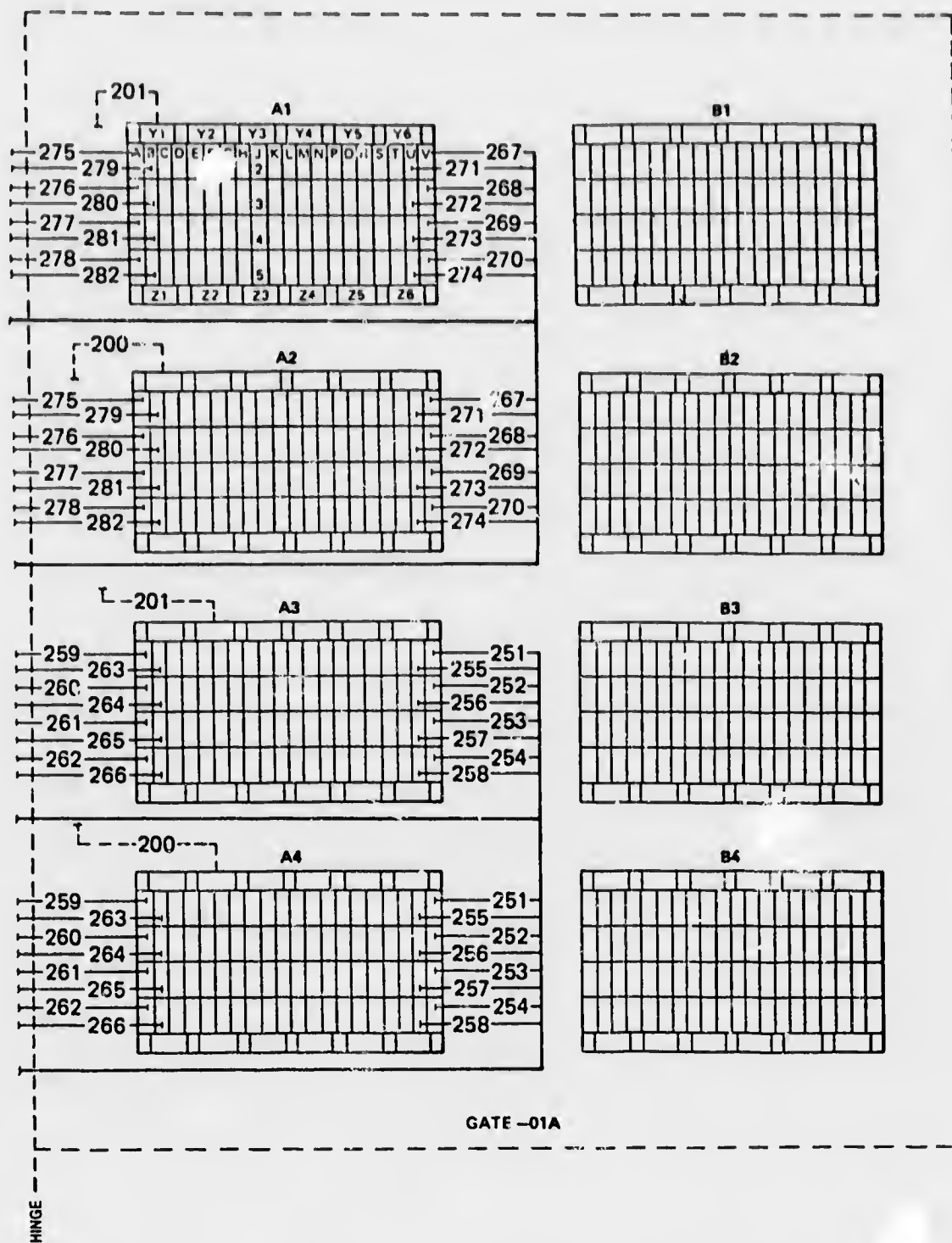
FIGURE 1/D14. GATE ASM, LOGIC (8 CHANNEL) SHT 3 OF 4



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
D14-	NP	REF	GATC ASM, LOGIC (8 CHANNEL) SHT 3 OF 4 FOR NEXT HIGHER ASM SEE FRAME 1/B16	
-101	2342832	(1)	• CABLE ASM GTB1 TO B1Z3 RETURN	
-102	2342833	(1)	• CABLE ASM GTB1 TO B1Z5 +5V	
-103	2342787	(1)	• CONDUCTOR ASM, FDS GTB3 TO B3YE +5V	
-104	2342786	(1)	• CONDUCTOR ASM, FDS GTB3 TO B3YD RETURN	
-105	2342784	(1)	• CONDUCTOR ASM, FDS GTB3 TO B3ZG +8.5V, -5V	
-111	2342783	(1)	• CONDUCTOR ASM, FDS GTB3 TO B3ZF +7.25V, +3V	
-112	2342785	(1)	• CONDUCTOR ASM, FDS GTB3 TO B3ZE RETURN	
-113	2342782	(1)	• CONDUCTOR ASM, FDS GTB3 TO B3ZC +6V, -1.5V	
-114	2342793	(1)	• CONDUCTOR ASM, FDS GTB4 TO B4YE +5V	
-115	2342792	(1)	• CONDUCTOR ASM, FDS GTB4 TO B4YD RETURN	
-120	2342790	(1)	• CONDUCTOR ASM, FDS GTB4 TO B4ZG +8.5V, -5V	
-121	2342789	(1)	• CONDUCTOR ASM, FDS GTB4 TO B4ZF +7.25V, +3V	
-122	2342791	(1)	• CONDUCTOR ASM, FDS GTB4 TO B4ZE RETURN	
-123	2342788	(1)	• CONDUCTOR ASM, FDS GTB4 TO B4ZC +6V, -1.5V	
-125	2290553	(1)	• CABLE ASM GTB1 TO BOARD B1	
-130	4797517	(1)	• CONNECTOR ASM, FDS	
-131	4797518	(1)	• CONNECTOR ASM, FDS	
-132	4797519	(1)	• CONNECTOR ASM, FDS	
-133	4797520	(1)	• CONNECTOR ASM, FDS	
-134	4797521	(1)	• CONNECTOR ASM, FDS	
-135	4797522	(1)	• CONNECTOR ASM, FDS	
-136	4797523	(1)	• CONNECTOR ASM, FDS	
-137	4797524	(1)	• CONNECTOR ASM, FDS	
-150	2342836	(1)	• CABLE ASM, FDS	
-151	2342837	(1)	• CABLE ASM, FDS	
-152	2342839	(1)	• CABLE ASM, FDS	
-153	2342838	(1)	• CABLE ASM, FDS	
-154	2342840	(1)	• CABLE ASM, FDS	
-155	2342841	(1)	• CABLE ASM, FDS	
-156	2342842	(1)	• CABLE ASM, FDS	
-157	2342843	(1)	• CABLE ASM, FDS	
-165	4797488	(1)	• CABLE ASM, B1Z2 TO B4ZD	
-166	4797489	(1)	• CABLE ASM, B1Z3 TO B3ZD	
-167	4797496	(1)	• CABLE ASM, B1S2X TO B4Q2X	
-168	4797494	(1)	• CABLE ASM, B1T2Y TO B3P2W	
-169	4797492	(1)	• CABLE ASM, B1T2W TO B3Q2W	
-170	4797493	(1)	• CABLE ASM, B1T2X TO B3Q2X	
-171	4797497	(1)	• CABLE ASM, B1S2Y TO B4P2W	
-172	4797495	(1)	• CABLE ASM, B1S2W TO B4Q2W	
-180	2379433	(2)	• CABLE ASM	
-181	2342882	(1)	• CABLE GRP, FLAT	
-182	2342884	(1)	• CABLE GRP, FLAT	
-183	819411	(12)	• EXTENDERS, CABLE USED WITH CABLE GRPS ITEMS 181 AND 182	
-184	4797619	(1)	• CABLE ASM, THERMAL	
-186	2342958	(4)	• CABLE ASM, GATE SIGNAL TO OP PNL	
-187	949945	(1)	• CABLE ASM, STATUS	

END OF SHEET 3 OF 4 (EC 462845) 4801908 REF

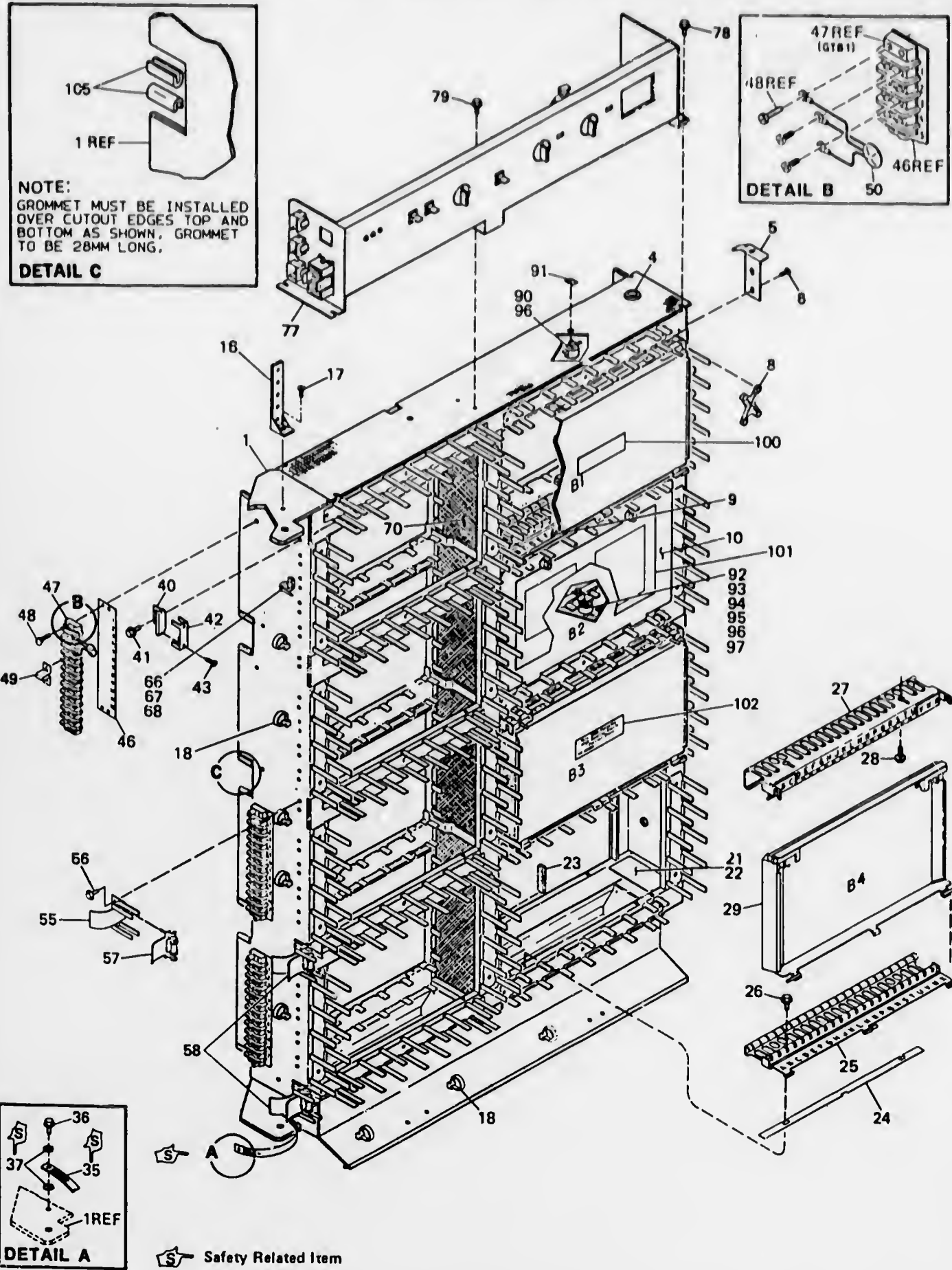
FIGURE 1/D16. GATE ASM, LOGIC (8 CHANNEL) SHT 4 OF 4



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
D16-	NP	REF	GATE ASM, LOGIC (8 CHANNEL) SHT 4 OF 4 FOR NEXT HIGHER ASM SEE FRAME 1/B16	
-200	2342835	(1)	• CABLE ASM, 01A-A4Y2 TO 01A-A2Y1	
-201	2342835	(1)	• CABLE ASM, 01A-A3Y2 TO 01A-A1Y1	
-251	2342804	(1)	• CABLE ASM, 01A-A3V2 / 01A-A4V2 / 01T-A1CD / 01T-A1ED	
-251	2342804	(1)	• CABLE ASM, 01A-A3V2 / 01A-A4V2 / 01T-A1CD / 01T-A1ED	
-252	2342804	(1)	• CABLE ASM, 01A-A3V3 / 01A-A4V3 / 01T-A1CJ / 01T-A1EJ	
-253	2342807	(1)	• CABLE ASM, 01A-A3V4 / 01A-A4V4 / 01T-A1DD / 01T-A1FD	
-254	2342804	(1)	• CABLE ASM, 01A-A3V5 / 01A-A4V5 / 01T-A1DJ / 01T-A1FJ	
-255	2342804	(1)	• CABLE ASM, 01A-A3U2 / 01A-A4U2 / 01T-A1GD / 01T-A1JD	
-256	2342804	(1)	• CABLE ASM, 01A-A3U3 / 01A-A4U3 / 01T-A1GJ / 01T-A1JJ	
-257	2342807	(1)	• CABLE ASM, 01A-A3U4 / 01A-A4U4 / 01T-A1HD / 01T-A1KD	
-258	2342804	(1)	• CABLE ASM, 01A-A3U5 / 01A-A4U5 / 01T-A1HJ / 01T-A1KJ	
-259	2342805	(1)	• CABLE ASM, 01A-A3A2 / 01A-A4A2 / 01T-A1LD / 01T-A1ND	
-260	2342805	(1)	• CABLE ASM, 01A-A3A3 / 01A-A4A3 / 01T-A1LJ / 01T-A1N1	
-261	2342808	(1)	• CABLE ASM, 01A-A3A4 / 01A-A4A4 / 01T-A1MD / 01T-A1PD	
-262	2342805	(1)	• CABLE ASM, 01A-A3A5 / 01A-A4A5 / 01T-A1MJ / 01T-A1PJ	
-263	2342805	(1)	• CABLE ASM, 01A-A3B2 / 01A-A4B2 / 01T-A1QD / 01T-A1SD	
-264	2342805	(1)	• CABLE ASM, 01A-A3B3 / 01A-A4B3 / 01T-A1QJ / 01T-A1SJ	
-265	2342808	(1)	• CABLE ASM, 01A-A3B4 / 01A-A4B4 / 01T-A1RD / 01T-A1TD	
-266	2342805	(1)	• CABLE ASM, 01A-A3B5 / 01A-A4B5 / 01T-A1RJ / 01T-A1TJ	
-267	2342803	(1)	• CABLE ASM, 01A-A1V2 / 01A-A2V2 / 01T-A2CD / 01T-A2ED	
-268	2342803	(1)	• CABLE ASM, 01A-A1V3 / 01A-A2V3 / 01T-A2CJ / 01T-A2EJ	
-269	2342806	(1)	• CABLE ASM, 01A-A1V4 / 01A-A2V4 / 01T-A2DD / 01T-A2FD	
-270	2342803	(1)	• CABLE ASM, 01A-A1V5 / 01A-A2V5 / 01T-A2DJ / 01T-A2FJ	
-271	2342803	(1)	• CABLE ASM, 01A-A1U2 / 01A-A2U2 / 01T-A2GD / 01T-A2JD	
-272	2342803	(1)	• CABLE ASM, 01A-A1U3 / 01A-A2U3 / 01T-A2GJ / 01T-A2JJ	
-273	2342806	(1)	• CABLE ASM, 01A-A1U4 / 01T-A2U4 / 01T-A2HD / 01T-A2KD	
-274	2342803	(1)	• CABLE ASM, 01A-A1U5 / 01A-A2U5 / 01T-A2HJ / 01T-A2KJ	
-275	2342804	(1)	• CABLE ASM, 01A-A1A2 / 01A-A2A2 / 01T-A2LD / 01T-A2ND	
-276	2342804	(1)	• CABLE ASM, 01A-A1A3 / 01A-A2A3 / 01T-A2LJ / 01T-A2NJ	
-277	2342807	(1)	• CABLE ASM, 01A-A1A4 / 01A-A2A4 / 01T-A2MD / 01T-A2PD	
-278	2342804	(1)	• CABLE ASM, 01A-A1A5 / 01A-A2A5 / 01T-A2MJ / 01T-A2PJ	
-279	2342804	(1)	• CABLE ASM, 01A-A1B2 / 01A-A2B2 / 01T-A2QD / 01T-A2SD	
-280	2342804	(1)	• CABLE ASM, 01A-A1B3 / 01A-A2B3 / 01T-A2QJ / 01T-A2SJ	
-281	2342807	(1)	• CABLE ASM, 01A-A1B4 / 01A-A2B4 / 01T-A2RD / 01T-A2TD	
-282	2342804	(1)	• CABLE ASM, 01A-A1B5 / 01A-A2B5 / 01T-A2RJ / 01T-A2TJ	

END OF ASSEMBLY (EC 462845) 4801908 REF

FIGURE 1/D18. GATE ASM, LOGIC (BASIC) SHT 1 OF 2



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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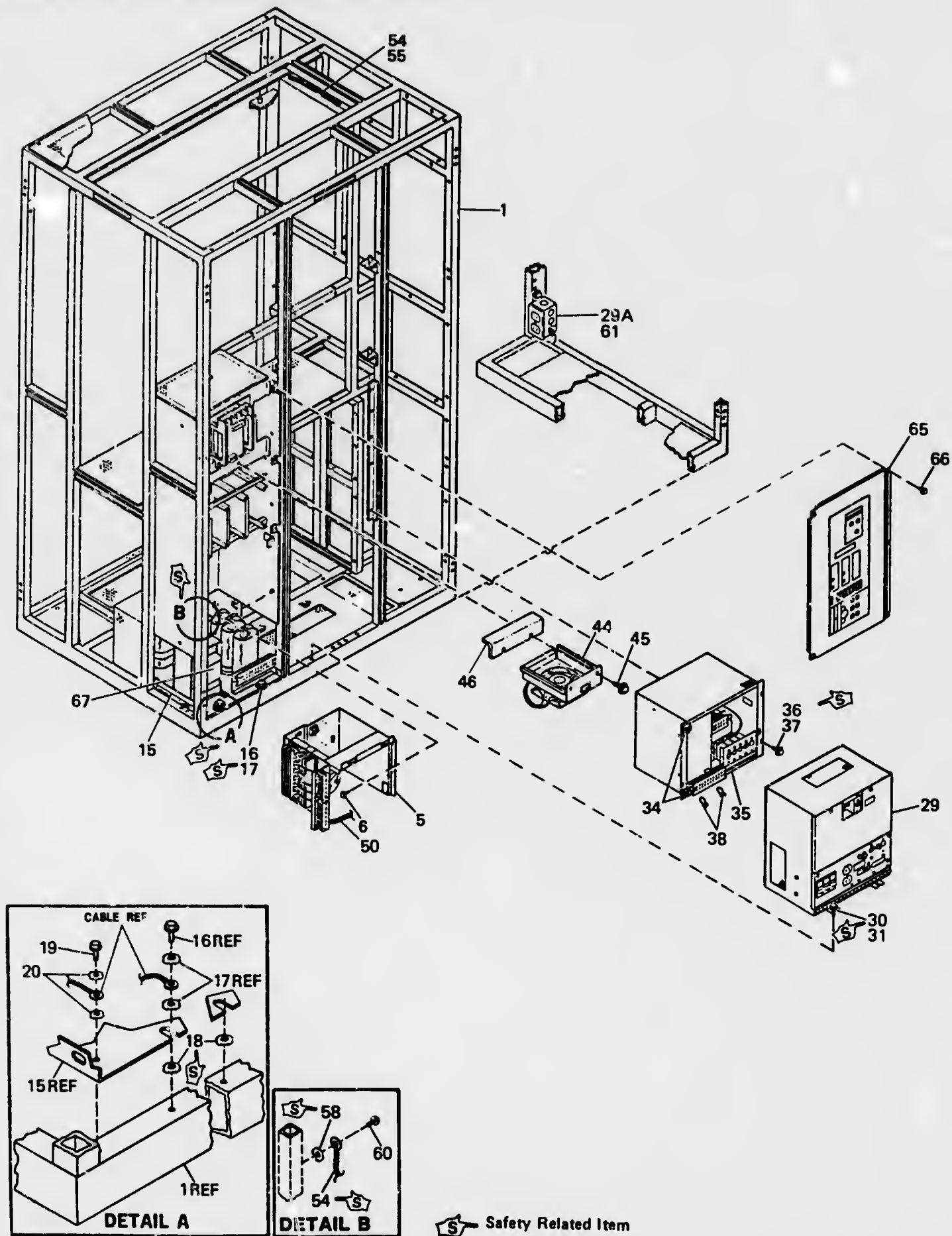
NOTE A USED ON MACHINES WITH HDSCS
NOTE B USED ON MACHINES W/O HDSCS
NOTE C USED ON MODEL 4
NOTE D FOR WTC ONLY

D18-	NP	REF	GATE ASM, LOGIC (BASIC)	SHT 1 OF 2
			FOR NEXT HIGHER ASM SEE FRAME 1/C08, 1/C14, 1/D02, 1/D10	
- 1	NP	(1)	• FRAME ASM, GATE	
- 4	265059	(1)	• GROMMET, RUBBER .625 HOLE X .062 PNL	
- 5	2342769	(1)	• LATCH, GATE	
- 6	1621818	(2)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG	
- 8	813519	(4)	• RETAINER, CABLE	
- 9	2342880	(2)	• LABEL	
- 10	2342755	(1)	• COVER, DUMMY (B2)	A, B
- 10	2342755	(2)	• COVER, DUMMY (B2 AND B3)	C
- 16	2282395	(1)	• STRAIN RELIEF	
- 17	1621818	(1)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG	
- 18	2282931	(8)	• CLAMP	
- 21	4797233	(1)	• BAFFLE, END	
- 22	1621174	(1)	• SCREW, METRIC-SLOT PAN HD M3 X 16MM LONG	
- 23	2342751	(6)	• SEAL, CARD COVER	
- 24	8499143	(AR)	• SHIM, 1.2 THICK (22 POS)	
- 24	8499144	(AR)	• SHIM, 0.8 THICK (22 POS)	
- 24	8499145	(AR)	• SHIM, 0.5 THICK (22 POS)	
- 24	8499146	(AR)	• SHIM, 1.2 THICK (20 POS)	
- 24	8499147	(AR)	• SHIM, 0.8 THICK (22 POS)	
- 24	8499148	(AR)	• SHIM, 0.5 THICK (22 POS)	
- 25	4801888	(3)	• GUIDE, LOWER (B1, B3 AND B4)	A, B
- 25	4801888	(2)	• GUIDE, LOWER (B1 AND B4)	C
- 26	2342737	(AR)	• SCREW	
- 27	4801887	(3)	• GUIDE, UPPER (B1, B3 AND B4)	A, B
- 27	4801887	(2)	• GUIDE, UPPER (B1 AND B4)	C
- 28	2342737	(AR)	• SCREW	
- 29	2346507	(3)	• COVER ASM, CARD (22 POS) B1, B3 AND B4	A, B
- 29	2346507	(2)	• COVER ASM, CARD (22 POS) B1 AND B4	C
			FOR DETAIL BREAKDOWN SEE FRAME 1/E06	
- 29	4107441	(3)	• COVER ASM, CARD.	D
- 35	2101376	(1)	• GROUND STRAP	
- 36	1621818	(1)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG	
- 37	2125974	(2)	• LOCKWASHER, INT THICK .200 ID X .562 OD	
- 40	4797143	(1)	• BASE, CABLE CLAMP	
- 41	1621818	(2)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG	
			FOR MTG TOP CLAMP BASE (ITEM 40)	
- 42	2194940	(1)	• CLAMP, ADJ	
- 43	1621175	(2)	• SCREW, METRIC-SLOT PAN HD M3 X 20MM LONG	
- 46	510638	(3)	• INSULATOR, FIBER 1-1/2 X 1/32 X 7-3/4 LONG	
- 47	81898	(3)	• TERMINAL BOARD, 12 DBL SCREW TERMINALS	
- 48	1621813	(6)	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 16MM LG	
- 49	596458	(4)	• JUMPER, BRASS	
			GTB1-4 TO GTB1-5	
			GTB3-4 TO GTB3-5	
			GTB4-4 TO GTB4-5	
			GTB1-5 TO GTB1-6	
- 50	8329291	(1)	• CAPACITOR ASM	
- 55	815214	(9)	• BACKPLATE, CABLE CLAMP	
- 56	1621820	(6)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 16MM LG	
- 57	815225	(1)	• CLAMP ASM, CABLE	
- 58	815226	(1)	• CLAMP ASM, CABLE	
- 66	533782	(1)	• MOUNT, CABLE TIE	
- 67	1621811	(1)	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 10MM LG	
- 68	1159519	(1)	• TIE, CABLE (152.4 MM LG)	
- 70	2342762	(1)	• BAFFLE, FOAM (CENTER)	
- 77	949926	(1)	• PANEL ASM, DC POWER SWITCH	
			FOR DETAIL BREAKDOWN SEE FRAME 1/E04	
- 78	1621811	(4)	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 10MM LG	
- 79	1621811	(1)	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 10MM LG	
- 90	5501994	(1)	• SWITCH, THERMAL (B1, ROW M)	
- 91	2333419	(1)	• FASTENER	
- 92	4797291	(1)	• CLIP, THERMAL SWITCH (B3, ROW P)	A, B
- 92	4797291	(1)	• CLIP, THERMAL SWITCH (B4, ROW P)	C
- 93	1621829	(1)	• SCREW, METRIC-THD FORM HEX WSHR HD M3 X 6MM LG	
- 93	1621844	(1)	• SCREW, METRIC-THD FORM SLOT PAN HD M3 X 6MM LG	D
- 94	949952	(1)	• SWITCH, THERMAL (B3, ROW P)	A, B
- 94	949952	(1)	• SWITCH, THERMAL (B4, ROW P)	C
- 95	2333419	(1)	• FASTENER	
- 96	4797250	(1)	• CABLE ASM, THERMAL SWITCH	
- 97	8499126	(1)	• CABLE ASM, JUMPER (THERMAL SWITCH)	C
-100	4299878	(1)	• LABEL, ELECTRONIC WRAP	
-101	4513859	(1)	• LABEL	
-102	4801910	(1)	• LABEL	
-105	2277586	(8)	• GROMMET . (SEE DETAIL C)	

END OF SHEET 1 OF 2 (EC 462845) 4801909 REF

Card 1 D18

FIGURE 1/C02. SUB-ASM, MECHANICAL/POWER



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE 1 FOR CABLE ROUTING SEE FRAME 2/D02

NOTE A USED ON MACHINES WITH HDSCS

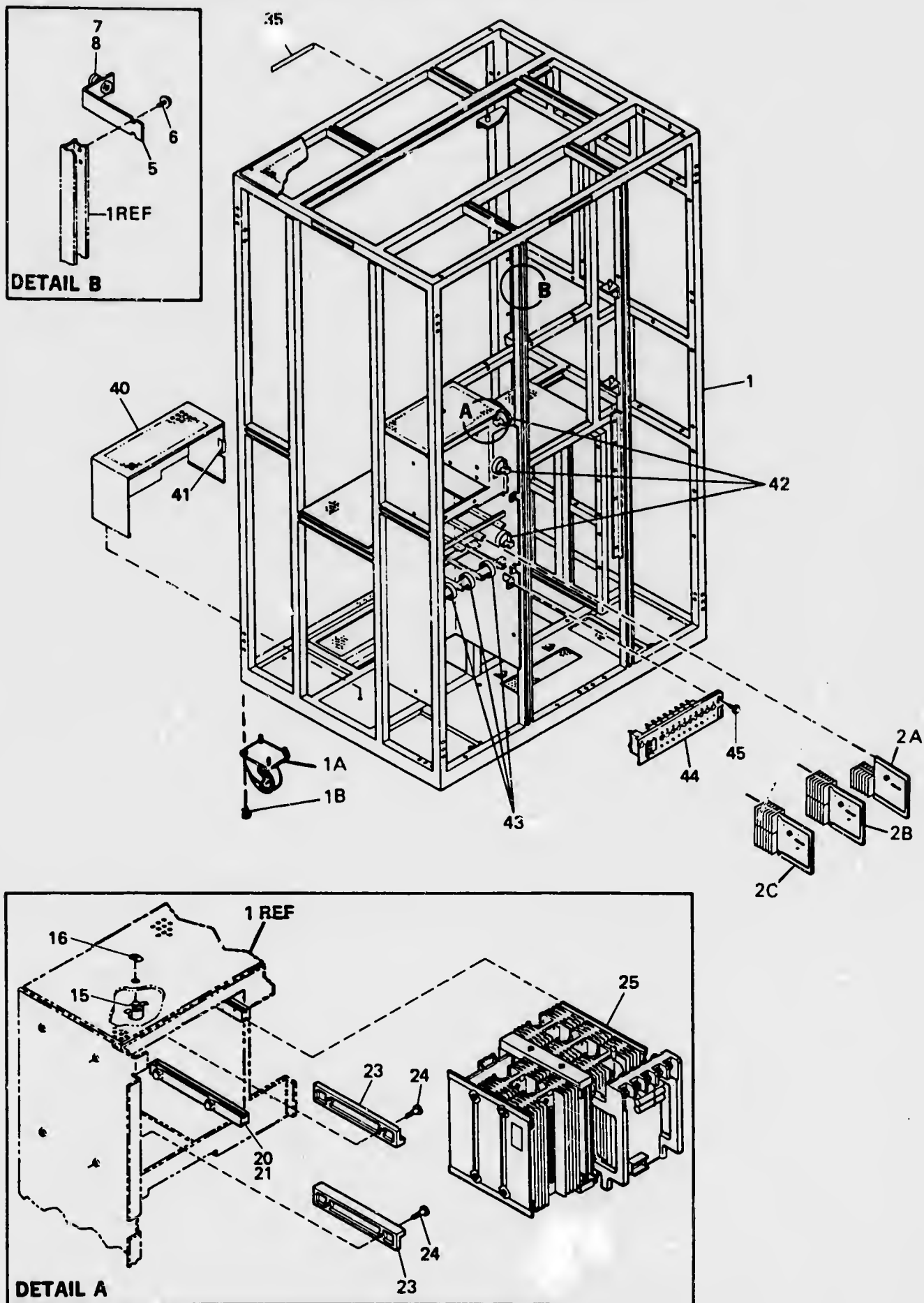
NOTE B USED ON MACHINES W/O HDSCS

NOTE C USED ON MODEL 4

C02-	NP	REF	SUB-ASM, MECHANICAL/POWER FOR NEXT HIGHER ASM SEE FRAME 1/B16	
- 1	NP	(1)	• MECHANICAL/POWER ASM, BASIC FOR DETAIL BREAKDOWN SEE FRAME 1/C04	
- 5	4801837	(1)	• POWER ASM, BULK (1, 2, 4 CHANNEL)	A, C
- 5	949995	(1)	• POWER ASM, BULK (1, 2, 4 CHANNEL)	B
			FOR DETAIL BREAKDOWN SEE FRAME 1/E14	
- 5	4801838	(1)	• POWER ASM, BULK (8 CHANNEL)	A
- 5	2314614	(1)	• POWER ASM, BULK (8 CHANNEL)	B
			FOR DETAIL BREAKDOWN SEE FRAME 2/A04	
- 6	1621818	(3)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG	
- 8	1621818	(2)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG	
- 15	4801760	(1)	• TRANSFORMER ASM (60HZ) 1, 2, 4 CHANNEL	A, C
- 15	949934	(1)	• TRANSFORMER ASM (60HZ) 1, 2, 4 CHANNEL	B
- 15	2290608	(1)	• TRANSFORMER ASM (60HZ) 8 CHANNEL	A, B
- 15	2722831	(1)	• TRANSFORMER ASM (50HZ) 1, 2, 4 CHANNEL	A, B, C
- 15	2722837	(1)	• TRANSFORMER ASM (50HZ) 8 CHANNEL	A, B
- 16	1621596	(4)	• SCREW, METRIC-CAP HEX HD M6 X 16MM LONG	
- 17	2125656	(5)	• LOCKWASHER, .261 ID X .875 OD X .040 THICK	
- 18	2125656	(2)	• LOCKWASHER, .261 ID X .875 OD X .040 THICK INSTALL LCKW BETWEEN TRANSFORMER AND FRAME	
- 19	1621818	(1)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG	
- 20	2125974	(2)	• LOCKWASHER, INT THICK .200 ID X .562 OD	
- 29	4797661	(1)	• POWER ASM, PRIMARY (60HZ) 1, 2, 4 CHANNEL	
- 29	2290568	(1)	• POWER ASM, PRIMARY (60HZ) 8 CHANNEL	
- 29	4797591	(1)	• PWR ASM, PRIM (50HZ/JAPAN ONLY) 1, 2, 4 CHNL	
- 29	2290570	(1)	• PWR ASM, PRIM (50HZ/JAPAN ONLY) 8 CHN FOR DETAIL BREAKDOWN SEE FRAME 2/A06	
- 29	4797096	(1)	• PWR ASM, PRIM (50HZ/EXCEPT JAPAN) 1, 2, 4 CHNL	
- 29	2290569	(1)	• PWR ASM, PRIM (50HZ/EXCEPT JAPAN) 8 CHNL FOR DETAIL BREAKDOWN SEE FRAME 2/A10	
- 29A	NUMBER	REF	• • CABLE ASM, PRIM PWR SPLY TO CONV OUTLET	1
- 30	1622347	(2)	• LOCKWASHER, METRIC-EXT TOOTH 5.3 ID X 10 OD INSTALL LCKW BETWEEN PWR SPLY AND FRAME	
- 31	1621818	(2)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG	
- 34	2513269	(2)	• CLAMP, CABLE-STICK-ON	
- 35	2679472	(1)	• POWER SUPPLY ASM, PSM (60HZ)	
- 35	2679473	(1)	• POWER SUPPLY ASM, PSM (50HZ) FOR DETAIL BREAKDOWN SEE FRAME 2/A18	
- 36	1622347	(2)	• LOCKWASHER, METRIC-EXT TOOTH 5.3 ID X 10 OD INSTALL LCKW BETWEEN PWR SPLY AND FRAME	
- 37	1621818	(4)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG	
- 38	1159913	(2)	• TIE, CABLE	1
- 44	949950	(1)	• FAN ASM, REGULATOR	
- 45	1621818	(2)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG	
- 46	2314733	(1)	• SHIELD, SAFETY	
- 50	2342656	(1)	• CABLE ASM, JUMPER	1
			BULK PWR TB202-4 TO PSM PWR TB301-10	
- 50	2342658	(1)	• CABLE ASM, JUMPER	1
- 54	8499087	(1)	• CABLE ASM, DC DISTRIBUTION (1, 2, 4 CHANNEL)	1
- 54	8499142	(1)	• CABLE ASM, DC DISTRIBUTION (8 CHANNEL)	1
- 55	4801835	(1)	• CABLE ASM	1
- 58	2125974	(1)	• LOCKWASHER, INT THICK .200 ID X .562 OD INSTALL LCKW BETWEEN JUMPER AND FRAME	
- 60	1621818	(1)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG	
- 61	1621811	(2)	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 10MM LG	
- 65	8499088	(1)	• COVER ASM, REGULATOR (1, 2, 4 CHANNEL)	A
- 65	2314685	(1)	• COVER ASM, REGULATOR (1, 2, 4 CHANNEL)	B
- 65	8499138	(1)	• COVER ASM, REGULATOR (8 CHANNEL)	A
- 65	2314683	(1)	• COVER ASM, REGULATOR (8 CHANNEL)	B
			FOR DETAIL BREAKDOWN SEE FRAME 2/B02	
- 66	1621818	(3)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG	
- 67	2129312	(3)	• CABLE ASM, JUMPER (50HZ) FOR MACHINES USED IN JAPAN.)	

END OF ASSEMBLY (EC 462878) 4801895 REF

FIGURE 1/C04. MECHANICAL/POWER ASM, BASIC (SHT 1 OF 2)



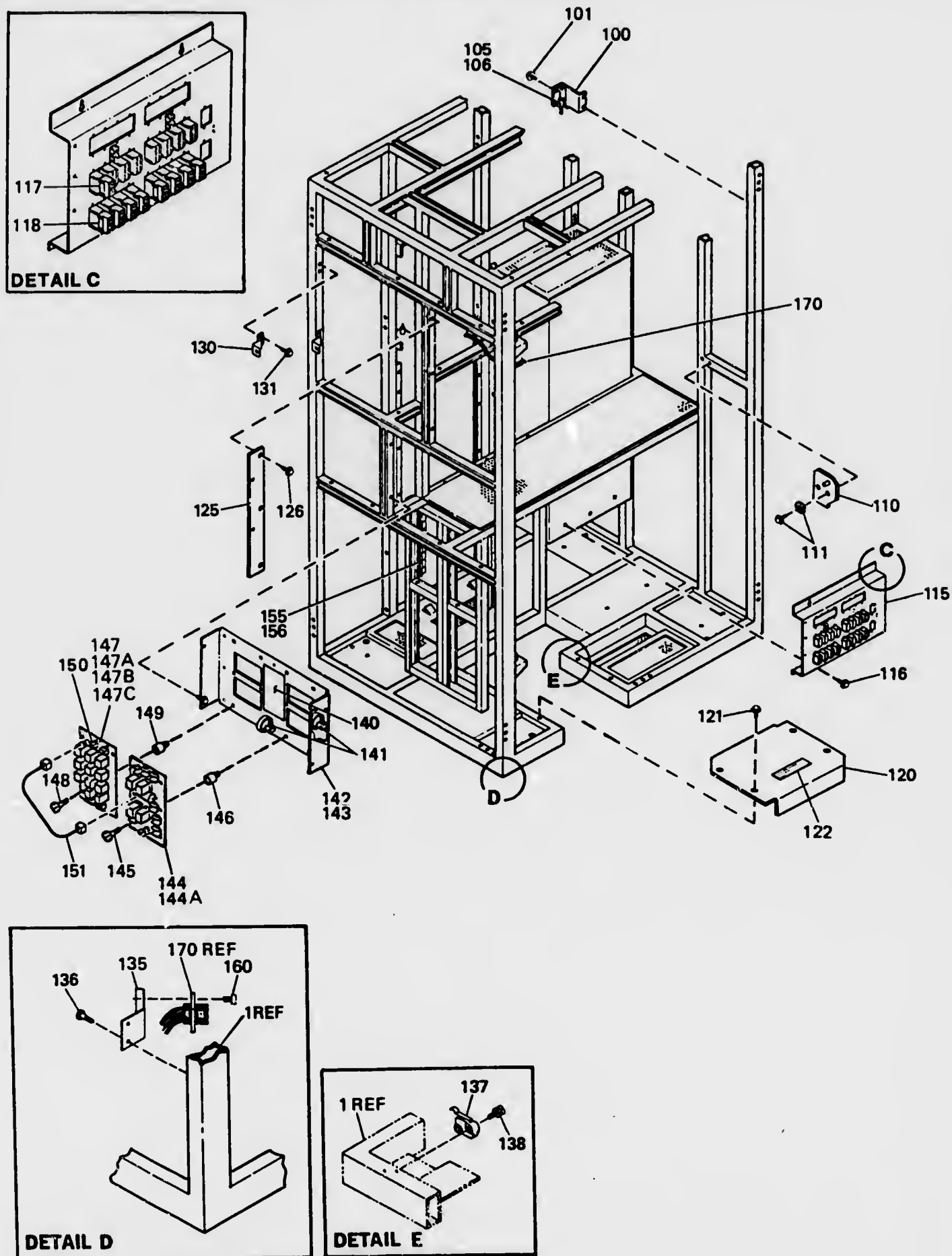
LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE A USED ON (1, 2, 4, 8 CHANNEL) WITH HDSCS
 NOTE B USED ON (1, 2, 4 CHANNEL) W/O HDSCS
 NOTE C USED ON (8 CHANNEL) W/O HDSCS

C04-	NP	REF	MECHANICAL/POWER ASM, BASIC SHT 1 OF 2 FOR NEXT HIGHER ASM SEE FRAME 1/C02	
- 1	NP	(1)	• FRAME ASM, MACHINE	
- 1A	2290555	(4)	• • CASTER ASM, MACHINE	
- 1B	1621545	(16)	• • SCREW, METRIC-CAP HEX HD M8 X 20MM LONG	
- 1B	1622321	(16)	• • LOCKWASHER, METRIC-SPRING 8.1 ID X 14.8 OD	
- 2A	2290588	(1)	• CARD ASM, MULTI REGULATOR	
- 2B	2342724	(1)	• CARD ASM, 7.25V REGULATOR B, C	
- 2C	2342734	(1)	• CARD ASM, +6V REGULATOR	
- 5	4796995	(1)	• BRACKET	
- 6	1621818	(2)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG	
- 7	808360	(1)	• FASTENER	
- 8	220546	(1)	• NUT, HEX 15/32 X 5/8 FL W	
- 15	5501996	(1)	• SWITCH, THERMAL (165 DEG F N/C)	
- 16	2333419	(1)	• FASTENER	
- 20	2342683	(2)	• RAIL, REGULATOR MTG	
- 21	1621323	(4)	• SCREW, METRIC-SLOT FLAT HD M5 X 20MM LONG	
- 23	2314761	(2)	• RAIL A, C	
- 24	1621211	(4)	• SCREW, METRIC-SLOT PAN HD M5 X 12MM LONG A, C	
- 25	949941	(1)	• REGULATOR ASM, 5V (1, 2, 4, 8 CHANNEL) A, C	
- 25	4797595	(1)	• REGULATOR ASM, 5V (1, 2, 4 CHANNEL) B	
- 35	5236793	(4)	• LABEL	
- 40	2346502	(1)	• COVER	
- 41	2277586	(1)	• GROMMET	
- 42	2282931	(3)	• TIE, CABLE (PUSHMOUNT)	
- 43	1159519	(3)	• TIE, CABLE (152.4 MM LG)	
- 44	8499136	(1)	• PANEL ASM, CIRCUIT PROTECTOR (1, 2, 4, 8 CHNL) A	
- 44	4797646	(1)	• PANEL ASM, CIRCUIT PROTECTOR (1, 2, 4 CHNL) B	
- 44	2341615	(1)	• PANEL ASM, CIRCUIT PROTECTOR (8 CHNL). C	
			FOR DETAIL BREAKDOWN SEE FRAME 2/B04	
- 45	1621818	(1)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG	

END OF SHEET 1 OF 2 (EC 462878) 4801894 REF

FIGURE 1/C06. MECHANICAL/POWER ASM, BASIC (SHT 2 OF 2)



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE A USED ON MACHINES WITH HDSCS

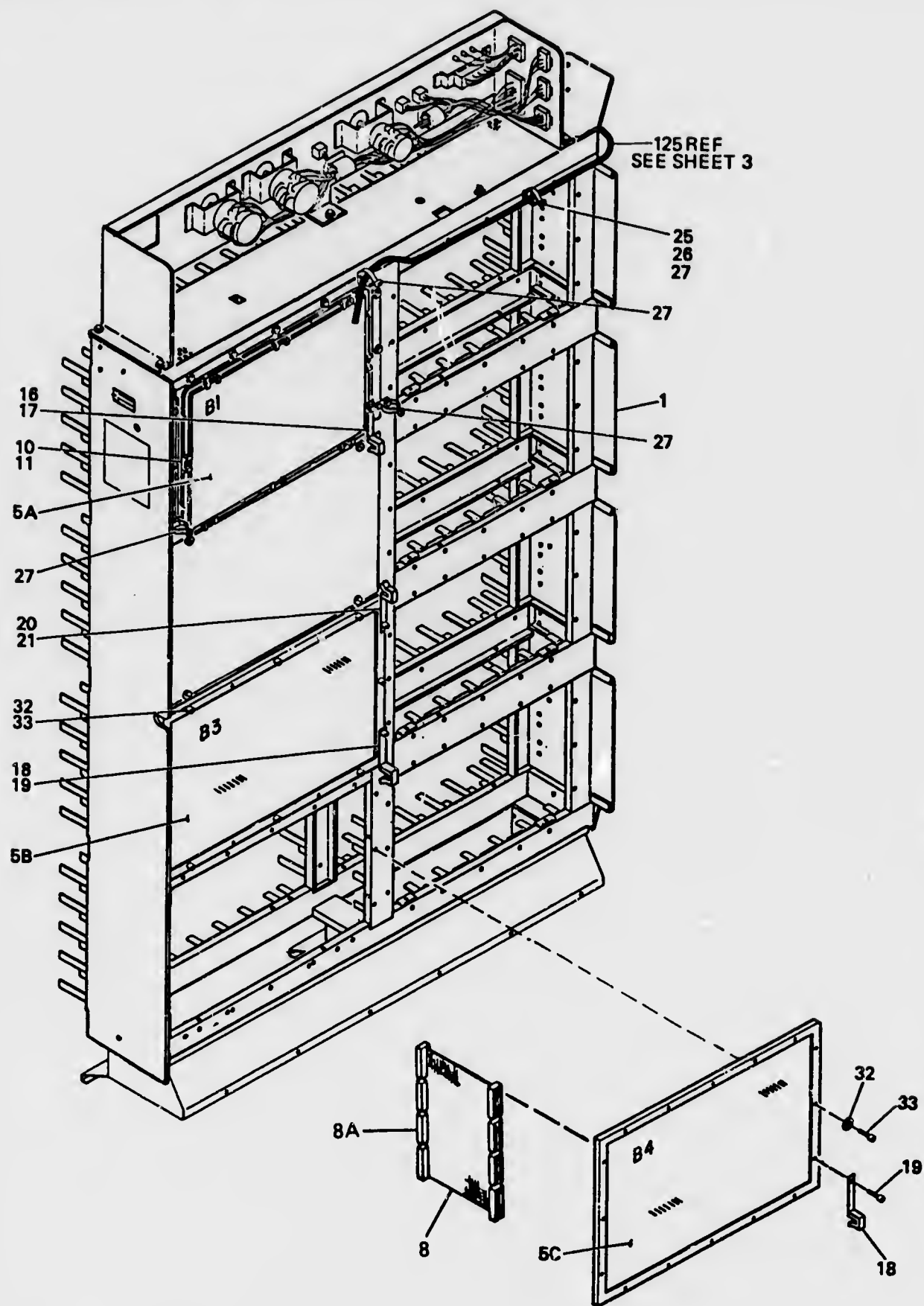
NOTE B USED ON MACHINES W/O HDSCS

NOTE C USED ON MODEL 4

C06-	NP	REF	MECHANICAL/POWER ASM, BASIC SHT 2 OF 2 FOR NEXT HIGHER ASM SEE FRAME 1/C02
-100	2342770	(1)	• BRACKET, LATCH
-101	1621818	(2)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG
-105	2172092	(1)	• LATCH ASM, GATE
-106	10170	(2)	• SCREW, MACH-BIND HD 6-32 X .250 LONG
-106	6364	(2)	• LOCKWASHER, SPLIT .141 ID X .253 CD
-110	2342763	(1)	• LATCH, GATE
-111	5353301	(2)	• SCREW, THD FORM-HEX WSHR HD .250-20 X .625 LONG
-111	2125656	(2)	• LOCKWASHER, .261 ID X .875 OD X .040 THICK
-115	2346592	(1)	• PANEL ASM, CONNECTOR FOR DETAIL BREAKDOWN SEE FRAME 2/B06
-116	1621811	(4)	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 10MM LG
-117	2282264	(1)	• PLUG ASM, CABLE (POS H1)
-118	4797247	(8)	• PLUG ASM, CABLE (POS D1 THRU D8)
-120	4797571	(1)	• SHIELD
-121	1621596	(4)	• SCREW, METRIC-CAP HEX HD M6 X 16MM LONG
-122	2342946	(1)	• LABEL
-125	4797244	(1)	• BRACKET, OP PANEL
-126	1621818	(3)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG
-130	2679431	(2)	• BRACKET, LATCH
-131	1621818	(4)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG
-135	4797296	(1)	• BRACKET
-136	1621811	(2)	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 10MM LG
-137	2304529	(1)	• SWITCH, INTERLOCK
-138	170176	(2)	• SCREW AND WSHR, FIL HD 4-40 X .625 LONG
-140	2342945	(1)	• LABEL, IDENTIFICATION
-141	2282931	(2)	• TIE, CABLE (PUSHMOUNT)
-142	2346517	(1)	• BRACKET
-143	1621818	(4)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG
-144	2290618	(1)	• CARD ASM, CPC
-144A	2278519	(4)	• RELAY, 4 POS FOR CABLE ROUTING SEE FRAME 2/D02
-145	1621194	(6)	• SCREW, METRIC-SLOT PAN HD M4 X 20MM LONG
-146	2311280	(6)	• NUT, PUSH-IN .500 OD
-147	2679469	(1)	• BOARD ASM, DEVICE
-147A	2278519	(9)	• RELAY, 4 POS (K801 THRU K809)
-147B	767003	(2)	• RELAY, 6 POS (K10 AND K11)
-147C	2517833	(2)	• RETAINER, RELAY (K10 AND K11) FOR CABLE ROUTING SEE FRAME 2/D02
-148	1621194	(6)	• SCREW, METRIC-SLOT PAN HD M4 X 20MM LONG
-149	2311280	(6)	• NUT, PUSH-IN .500 OD
-150	4797248	(1)	• PLUG ASM, JUMPER PLUG INTO POSITION J802
-151	2346510	(1)	• CABLE ASM, CPC CARD TO DEVICE CARD (P709 TO P801)
-155	949911	(2)	• BAR, CONNECTOR RETAINING. A, B
-155	949911	(1)	• BAR, CONNECTOR RETAINING. C
-156	1621811	(AR)	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 10MM LG
-160	2549561	(2)	• SCREW, METRIC THD FORM-HEX HD M3 10MM LONG
-170	2346511	(1)	• CABLE ASM, PR1 PWR - CPC
-170	2346512	(1)	• CABLE ASM, CPC TO GATE B1B4
-170	2346513	(1)	• CABLE ASM, CPC TO GATE B1A5
-170	2346515	(1)	• CABLE ASM, CPC TO SWITCH PNL
-170	8499086	(1)	• CABLE ASM, SENSE (POWER STACK) A
-170	2346584	(1)	• CABLE ASM, SENSE (POWER STACK) B
-170	4797246	(1)	• CABLE ASM, PSM PWR SPLY TO GATE
-170	4797259	(1)	• CABLE ASM, MAINT. DEV TO GATE B1V4
-170	4797532	(1)	• CABLE ASM, PSM PWR SPLY TO GATE FOR CABLE ROUTING SEE FRAME 2/D02

END OF SHEET 2 OF 2 (EC 462878) 4801894 REF

FIGURE 1/C08. GATE ASM, LOGIC (1 CHANNEL) SHT 1 OF 3



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE A USED ON MACHINES WITH HDSCS

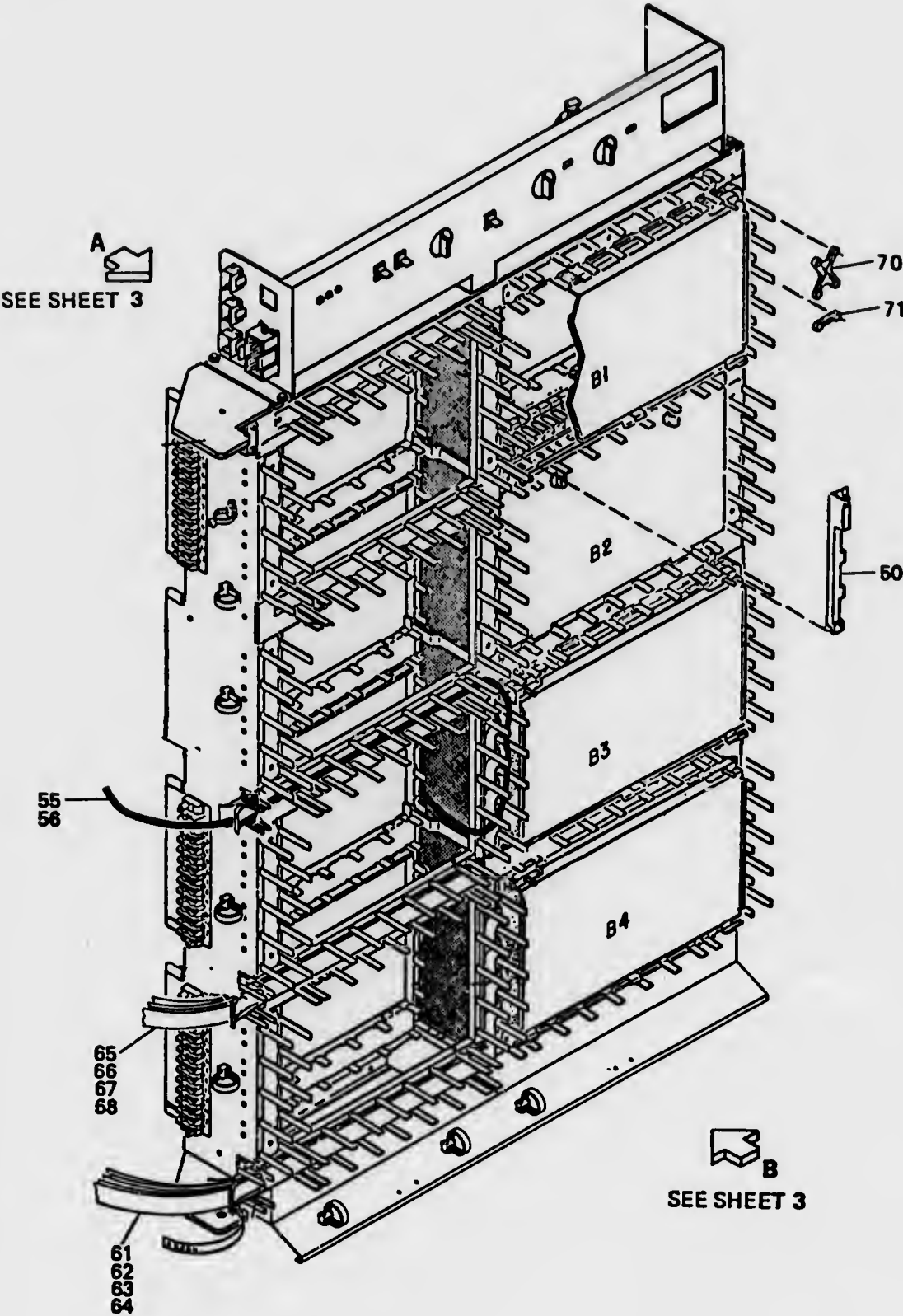
NOTE B USED ON MACHINES W/O HDSCS

NOTE C USED ON MODEL 4

C08-	NP	REF	GATE ASM, LOGIC (1 CHANNEL) SHT 1 OF 3 FOR NEXT HIGHER ASM SEE FRAME 1/B16	
- 1	NP	(1)	• GATE ASM, LOGIC (BASIC) FOR DETAIL BREAKDOWN SEE FRAME 1/D18	
- 5A	SELECT	REF	• • BOARD ASM, LOGIC (B-1)	
- 5B	SELECT	REF	• • BOARD ASM, LOGIC (B-3) A, B	
- 5C	SELECT	REF	• • BOARD ASM, LOGIC (B-4) FOR PART NUMBERS SEE LOGIC DIAGRAMS	
- 8	SELECT	REF	• CARD ASM, LOGIC FOR PART NUMBERS SEE LOGIC DIAGRAMS	
- 8A	1809813	REF	• • SHROUD, CARD	
- 10	813179	(8)	• CLAMP, BOARD	
- 11	811417	(8)	• SCREW, THD FORM-HEX SOC HD 6-32 X .500 LONG	
- 16	2732317	(1)	• RETAINER ASM, LEFT	
- 17	811417	(1)	• SCREW, THD FORM-HEX SOC HD 6-32 X .500 LONG	
- 18	2732317	(2)	• RETAINER ASM, LEFT A, B	
- 18	2732317	(1)	• RETAINER ASM, LEFT C	
- 19	2181088	(AR)	• SCREW, THD FORM-HEX SOC HD 6-32 X .875 LONG	
- 20	2732316	(1)	• RETAINER ASM, RIGHT	
- 21	2181088	(1)	• SCREW, THD FORM-HEX SOC HD 6-32 X .875 LONG	
- 25	533782	(1)	• MOUNT, CABLE TIE	
- 26	2181005	(1)	• SCREW, THD FORM-HEX WSHR HD 6-32 X .375 LONG	
- 27	1159913	(4)	• TIE, CABLE	
- 32	22066	(16)	• WASHER, FLAT .140 ID X .281 OD X .025 THICK A, B	
- 32	22066	(8)	• WASHER, FLAT .140 ID X .281 OD X .025 THICK C	
- 33	2181088	(16)	• SCREW, THD FORM-HEX SOC HD 6-32 X .875 LONG A, B	
- 33	2181088	(8)	• SCREW, THD FORM-HEX SOC HD 6-32 X .875 LONG C	

END OF SHEET 1 OF 3 (EC 462878) 4801905 REF

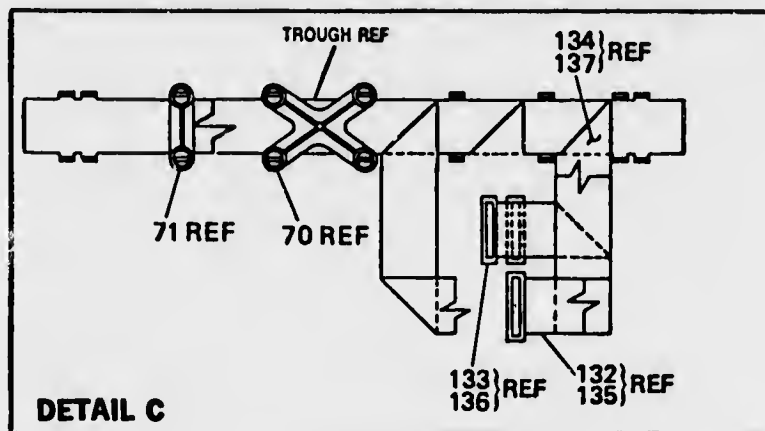
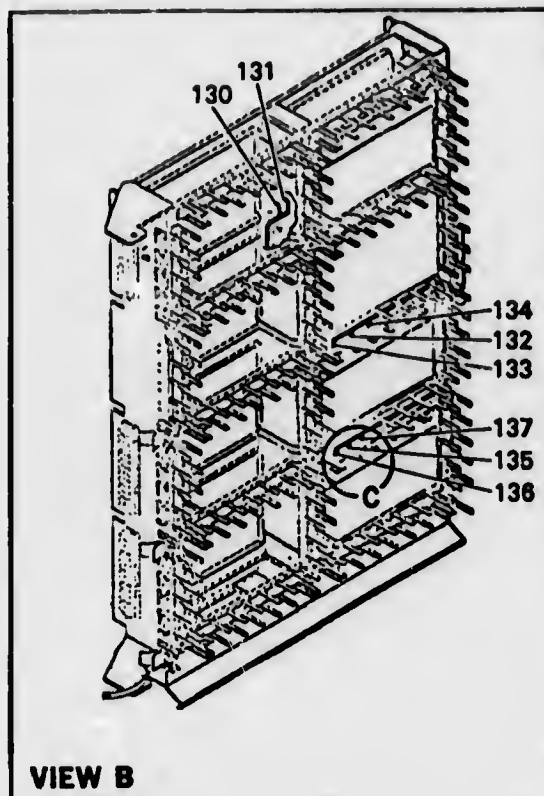
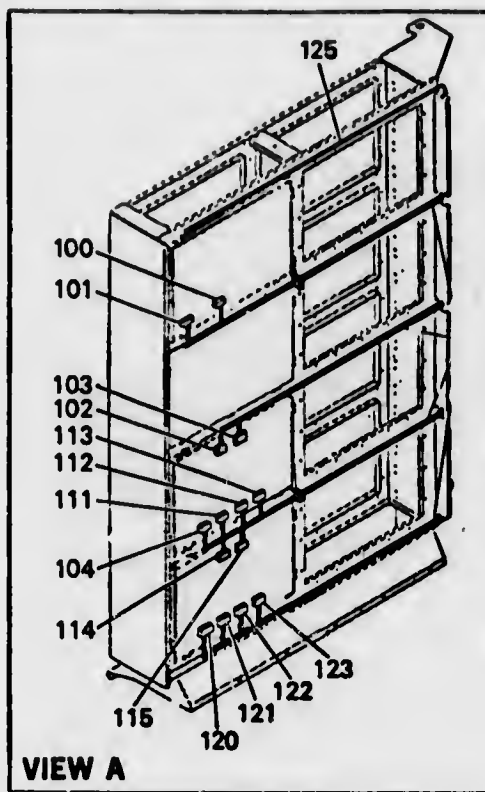
FIGURE 1/C10. GATE ASM, LOGIC (1 CHANNEL) SHT 2 OF 3



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
NOTE A USED ON MACHINES WITH HDSCS NOTE B USED ON MACHINES W/O HDSCS NOTE C USED ON MODEL 4				
C10-	NP	REF	GATE ASM, LOGIC (1 CHANNEL) SHT 2 OF 3 FOR NEXT HIGHER ASM SEE FRAME 1/B16	
- 50	4139583	(5)	• BRACKET ASM, INTERMIX	A, B
- 50	2766227	(4)	• BRACKET ASM, INTERMIX	C
			B1 POS A	
			B1 POS B	
			B1 POS V	
			B3 POS A	A, B
			B4 POS A	
- 55	2342958	(2)	• CABLE ASM, GATE SIG TO OP PNL	A, B
- 55	2342958	(1)	• CABLE ASM, GATE SIG TO OP PNL	C
- 56	949945	(1)	• CABLE ASM, GATE TO OP PNL STATUS INDICATORS	
- 61	4797482	(1)	• CABLE ASM, 01A-B4A2 / 01T-A1CD / 01T-A1ED	
- 62	4797482	(1)	• CABLE ASM, 01A-B4A3 / 01T-A1CJ / 01T-A1EJ	
- 63	2679456	(1)	• CABLE ASM, 01A-B4A4 / 01T-A1DD / 01T-A1FD	
- 64	4797482	(1)	• CABLE ASM, 01A-B4A5 / 01T-A1DJ / 01T-A1FJ	
- 65	4797482	(1)	• CABLE ASM, 01A-B3A4 / 01T-A2CD / 01T-A2ED.	A, B
- 66	4797482	(1)	• CABLE ASM, 01A-B3A3 / 01T-A2CJ / 01T-A2EJ	A, B
- 67	2679456	(1)	• CABLE ASM, 01A-B3A4 / 01T-A2DD / 01T-A2FD.	A, B
- 68	4797482	(1)	• CABLE ASM, 01A-B3A5 / 01T-A2AJ / 01T-A2FJ	A, B
- 70	813519	(4)	• X-STRAP, CABLE	
- 71	811427	(50)	• STRAP, CABLE	

END OF SHEET 2 OF 3 (EC 462878) 4801905 REF

FIGURE 1/C12. GATE ASM, LOGIC (1 CHANNEL) SHT 3 OF 3



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE A USED ON MACHINES WITH HDSCS

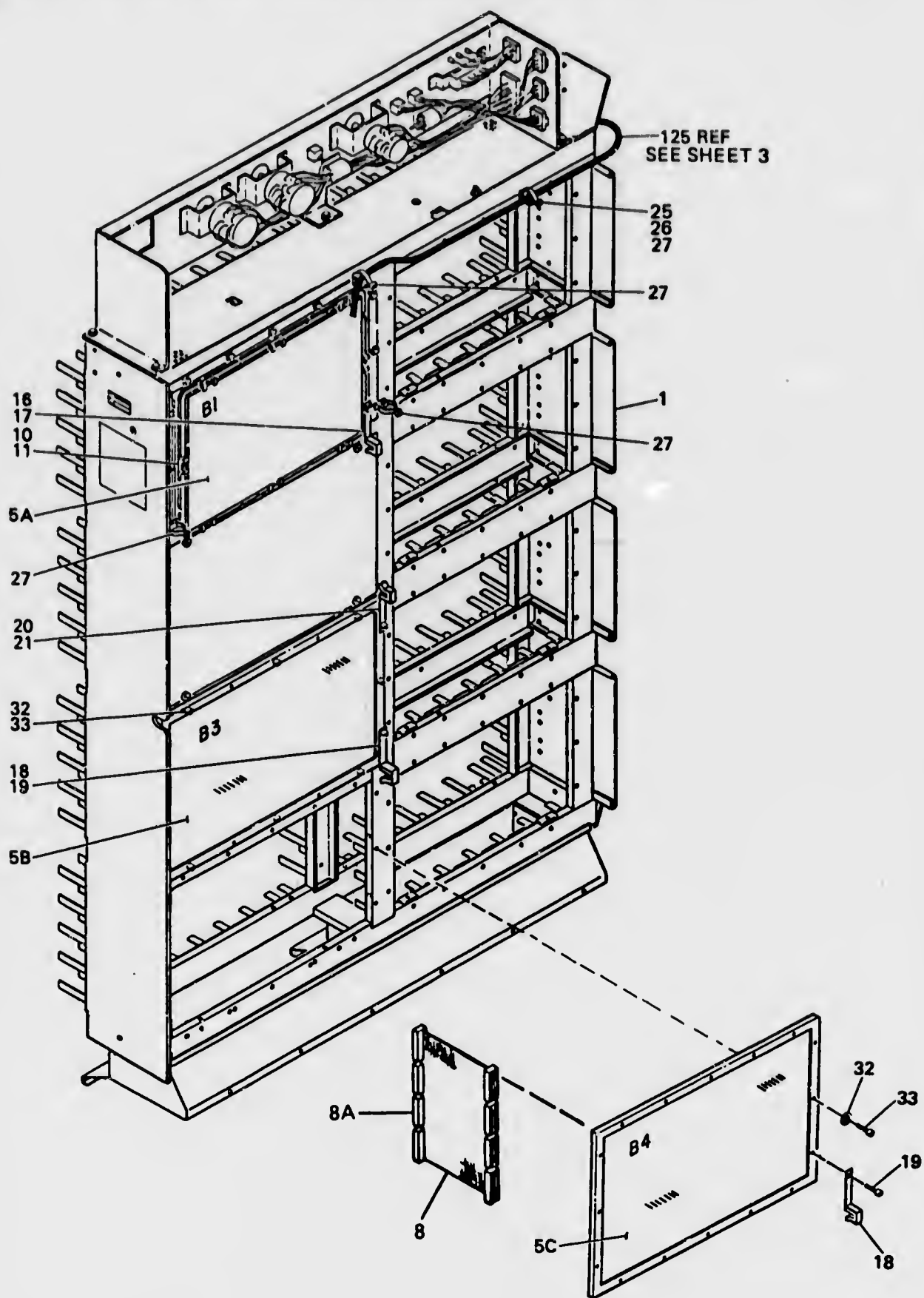
NOTE B USED ON MACHINES W/O HDSCS

NOTE C USED ON MODEL 4

C12-	NP	REF	GATE ASM, LOGIC (1 CHANNEL) SHT 3 OF 3 FOR NEXT HIGHF ASM SEE FRAME 1/B16	
-100	2342832	(1)	• CONDUCTOR ASM, FDS GTB1 TO B1Z3 RETURN	
-101	2342833	(1)	• CONDUCTOR ASM, FDS GTB1 TO B1Z5 +5V	
-102	2342787	(1)	• CONDUCTOR ASM, FDS A, B GTB3 TO B3YE +5V	
-103	2342786	(1)	• CONDUCTOR ASM, FDS A, B GTB3 TO B3YD RETURN	
-104	2342784	(1)	• CONDUCTOR ASM, FDS A, B GTB3 TO B3ZG +8.5V, -5V	
-111	2342783	(1)	• CONDUCTOR ASM, FDS A, B GTB3 TO B3ZF +7.25V, +3V	
-112	2342785	(1)	• CONDUCTOR ASM, FDS A, B GTB3 TO B3ZE RETURN	
-113	2342782	(1)	• CONDUCTOR ASM, FDS A, B GTB3 TO B3ZC +6V, -1.5V	
-114	2342793	(1)	• CONDUCTOR ASM, FDS GTB4 TO B4YE +5V	
-115	2342792	(1)	• CONDUCTOR ASM, FDS GTB4 TO B4YD RETURN	
-120	2342790	(1)	• CONDUCTOR ASM, FDS GTB4 TO B4ZG +8.5V, -5V	
-121	2342789	(1)	• CONDUCTOR ASM, FDS A, B GTB4 TO B4ZF +7.25V, +3V	
-122	2342791	(1)	• CONDUCTOR ASM, FDS GTB4 TO B4ZE RETURN	
-123	2342788	(1)	• CONDUCTOR ASM, FDS GTB4 TO B4ZC +6V, -1.5V	
-125	2290553	(1)	• CABLE ASM GTB1 TO BOARD B1	
-130	4797488	(1)	• CABLE ASM B1Z2 TO B4ZD	
-131	4797489	(1)	• CABLE ASM A, B B1Z3 TO B3ZD	
-132	4797496	(1)	• CABLE ASM B1S2X TO B4Q2X	
-133	4797494	(1)	• CABLE ASM A, B B1T2Y TO B3P2W	
-134	4797492	(1)	• CABLE ASM A, B B1T2W TO B3Q2W	
-135	4797493	(1)	• CABLE ASM A, B B1T2X TO B3Q2X	
-136	4797497	(1)	• CABLE ASM B1S2Y TO B4P2W	
-137	4797495	(1)	• CABLE ASM B1S2W TO B4Q2W	

END OF ASSEMBLY. (EC 462878) 4801905 REF

FIGURE 1/C14. GATE ASM, LOGIC (2 CHANNEL) SHT 1 OF 3



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE A USED ON MACHINES WITH HDSCS

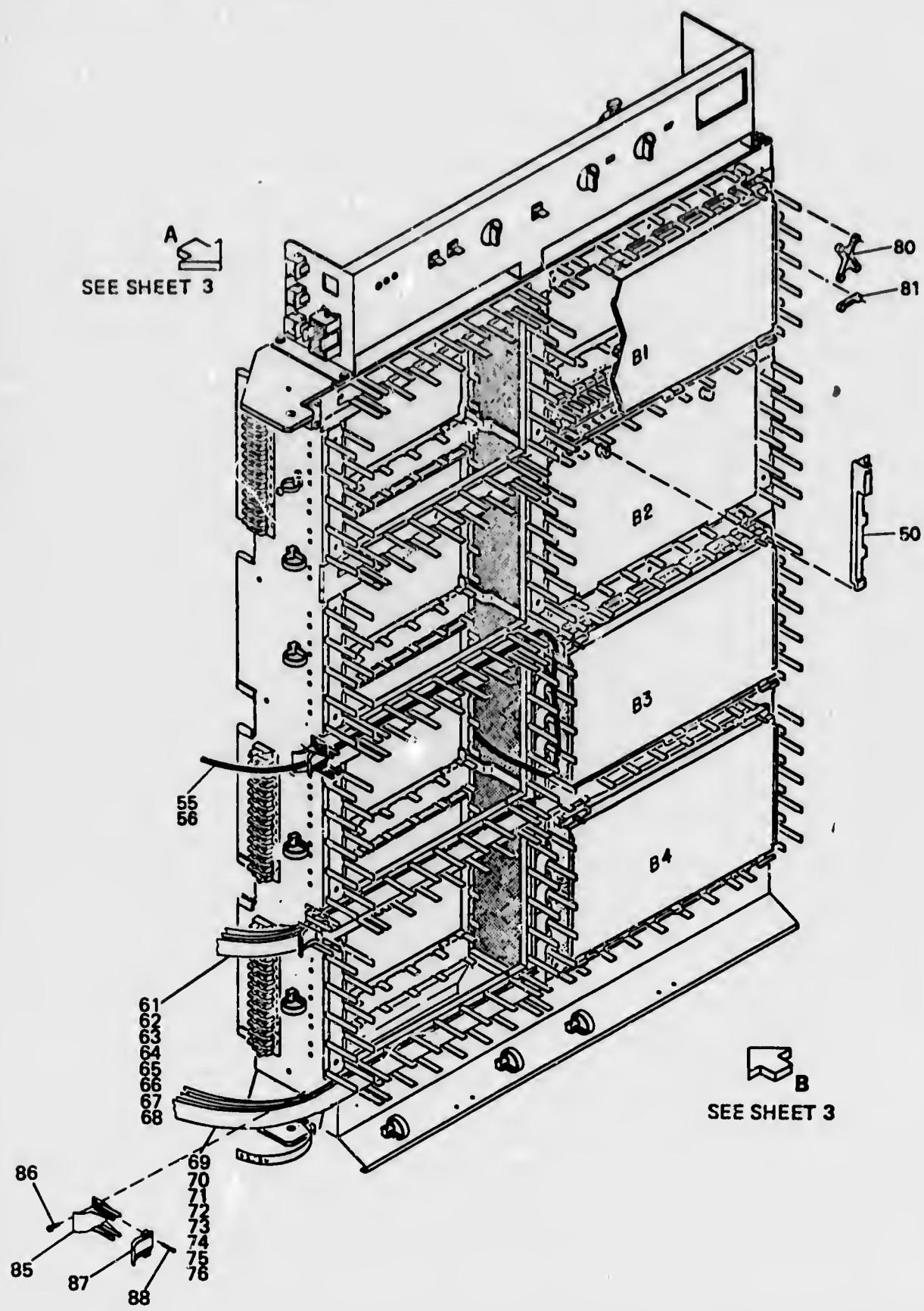
NOTE B USED ON MACHINES W/O HDSCS

NOTE C USED ON MODEL 4

C14-	NP	REF	GATE ASM, LOGIC (2 CHANNEL) SHT 1 OF 3 FOR NEXT HIGHER ASM SEE FRAME 1/B16	
- 1	NP	(1)	• GATE ASM, LOGIC (BASIC) FOR DETAIL BREAKDOWN SEE FRAME 1/D18	
- 5A	SELECT	REF	• BOARD ASM, LOGIC (B-1)	
- 5B	SELECT	REF	• BOARD ASM, LOGIC (B-3) A, B	
- 5C	SELECT	REF	• BOARD ASM, LOGIC (B-4) FOR PART NUMBERS SEE LOGIC DIAGRAMS	
- 8	SELECT	REF	• CARD ASM, LCGIC FOR PART NUMBERS SEE LOGIC DIAGRAMS	
- 8A	1809813	REF	• • SHROUD, CARD	
- 10	813179	(8)	• CLAMP, BOARD	
- 11	811417	(8)	• SCREW, THD FORM-HEX SOC HD 6-32 X .500 LONG	
- 16	2732317	(1)	• RETAINER ASM, LEFT	
- 17	811417	(1)	• SCREW, THD FORM-HEX SOC HD 6-32 X .500 LONG	
- 18	2732317	(2)	• RETAINER ASM, LEFT A, B	
- 18	2732317	(1)	• RETAINER ASM, LEFT C	
- 19	2181088	(AR)	• SCREW, THD FORM-HEX SOC HD 6-32 X .875 LONG	
- 20	2732316	(1)	• RETAINER ASM, RIGHT	
- 21	2181088	(1)	• SCREW, THD FORM-HEX SOC HD 6-32 X .875 LONG	
- 25	533782	(1)	• MOUNT, CABLE TIE	
- 26	2181005	(1)	• SCREW, THD FORM-HEX WSHR HD 6-32 X .375 LONG	
- 27	1159913	(4)	• TIE, CABLE	
- 32	22066	(16)	• WASHER, FLAT .140 ID X .281 OD X .025 THICK A, B	
- 32	22066	(8)	• WASHER, FLAT .140 ID X .281 OD X .025 THICK C	
- 33	2181088	(16)	• SCREW, THD FORM-HEX SOC HD 6-32 X .875 LONG A, B	
- 33	2181088	(8)	• SCREW, THD FORM-HEX SOC HD 6-32 X .875 LONG C	

END OF SHEET 1 OF 3 (EC 462876) 4801906 REF

FIGURE 1/C16. GATE ASM, LOGIC (2 CHANNEL) SHT 2 OF 3



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE A USED ON MACHINES WITH HDSCS

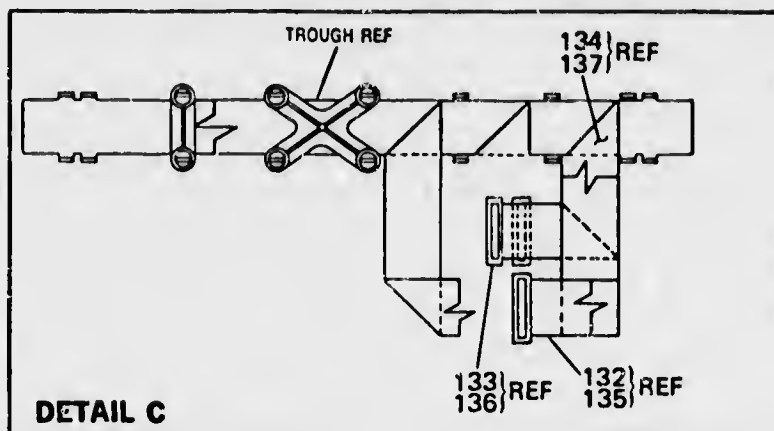
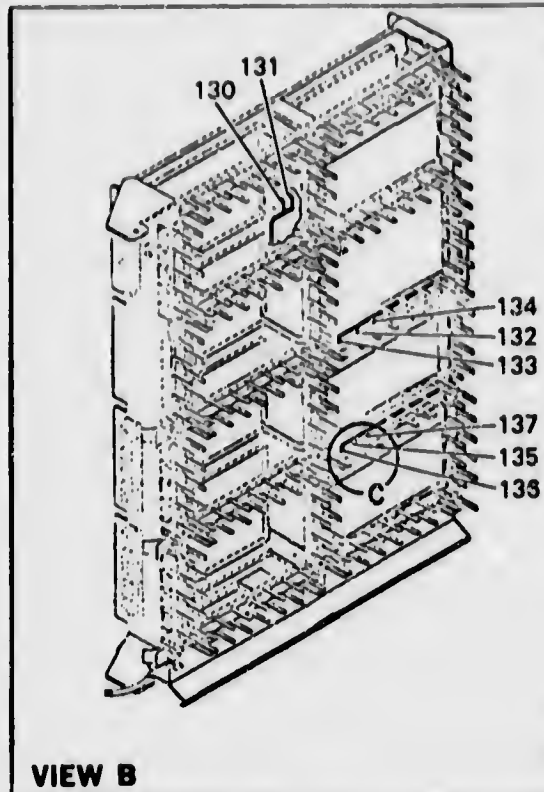
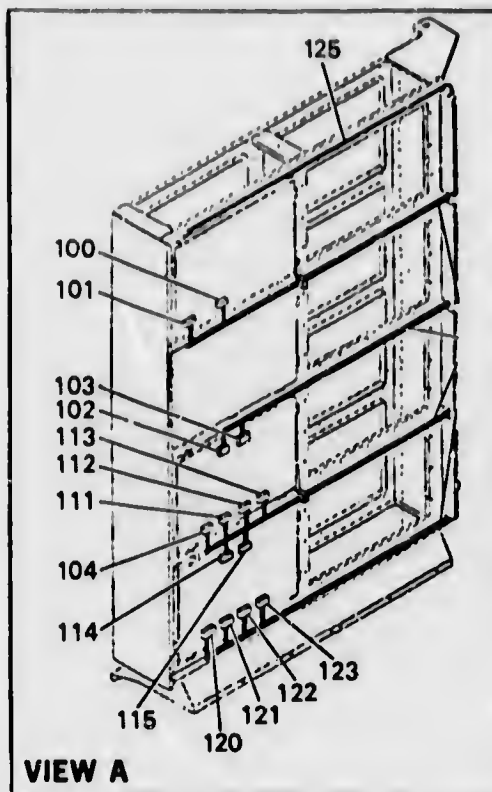
NOTE B USED ON MACHINES W/O HDSCS

NOTE C USED ON MODEL 4

C16-	NP	REF	GATE ASM, LOGIC (2 CHANNEL) SHT 2 OF 3 FOR NEXT HIGHER ASM SEE FRAME 1/B16	
- 50	4139583	(7)	• BRACKET ASM, INTERMIX	A, B
- 50	2766227	(5)	• BRACKET ASM, INTERMIX	C
			B1 POS A	
			B1 POS B	
			D1 POS V	
			B3 POS A	A, B
			B3 POS B	A, B
			B4 POS A	
			B4 POS B	
- 51	1783932	(1)	• BACKPLATE	
- 52	1621818	(2)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG	
- 53	1783933	(1)	• FRONTPLATE	
- 54	815174	(2)	• SCREW, CAP-HEX SOC HD 8-32 X 1.750 LONG	
- 55	2342958	(2)	• CABLE ASM, GATE SIG TO OP PNL	A, B
- 55	2342958	(1)	• CABLE ASM, GATE SIG TO OP PNL	C
- 56	949945	(1)	• CABLE ASM, GATE TO OP PNL STATUS INDICATORS	
- 61	4797482	(1)	• CABLE ASM, 01A-B4A2 / 01T-A1CD / 01T-A1ED	
- 62	4797482	(1)	• CABLE ASM, 01A-B4A3 / 01T-A1CJ / 01T-A1EJ	
- 63	2679455	(1)	• CABLE ASM, 01A-B4A4 / 01T-A1DD / 01T-A1FD	
- 64	4797482	(1)	• CABLE ASM, 01A-B4A5 / 01T-A1DJ / 01T-A1FJ	
- 65	4797482	(1)	• CABLE ASM, 01A-B4B2 / 01T-A1GD / 01T-A1JD	
- 66	4797482	(1)	• CABLE ASM, 01A-B4B3 / 01T-A1GJ / 01T-A1JJ	
- 67	2679456	(1)	• CABLE ASM, 01A-B4B4 / 01T-A1HD / 01T-A1KD	
- 68	4797482	(1)	• CABLE ASM, 01A-B4B5 / 01T-A1HJ / 01T-A1KJ	
- 69	4797482	(1)	• CABLE ASM, 01A-B3A2 / 01T-A2CD / 01T-A2ED.	A, B
- 70	4797482	(1)	• CABLE ASM, 01A-B3A3 / 01T-A2CJ / 01T-A2EJ	A, B
- 71	2679456	(1)	• CABLE ASM, 01A-B3A4 / 01T-A2DD / 01T-A2FD.	A, B
- 72	4797482	(1)	• CABLE ASM, 01A-B3A5 / 01T-A2DJ / 01T-A2FJ	A, B
- 73	4797482	(1)	• CABLE ASM, 01A-B3B2 / 01T-A2GD / 01T-A2JD.	A, B
- 74	4797482	(1)	• CABLE ASM, 01A-B3B3 / 01T-A2GJ / 01T-A2JJ	A, B
- 75	2679456	(1)	• CABLE ASM, 01A-B3B4 / 01T-A2HD / 01T-A2KD	A, B
- 76	4797482	(1)	• CABLE ASM, 01A-B3B5 / 01T-A2HJ / 01T-A2KJ.	A, B
- 80	813519	(4)	• X-STRAP, CABLE	
- 81	811427	(50)	• STRAP, CABLE	

END OF SHEET 2 OF 3 (EC 462876) 4801906

FIGURE 1/C18. GATE ASM, LOGIC (2 CHANNEL) SHT 3 OF 3



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE A USED ON MACHINES WITH HDSCS

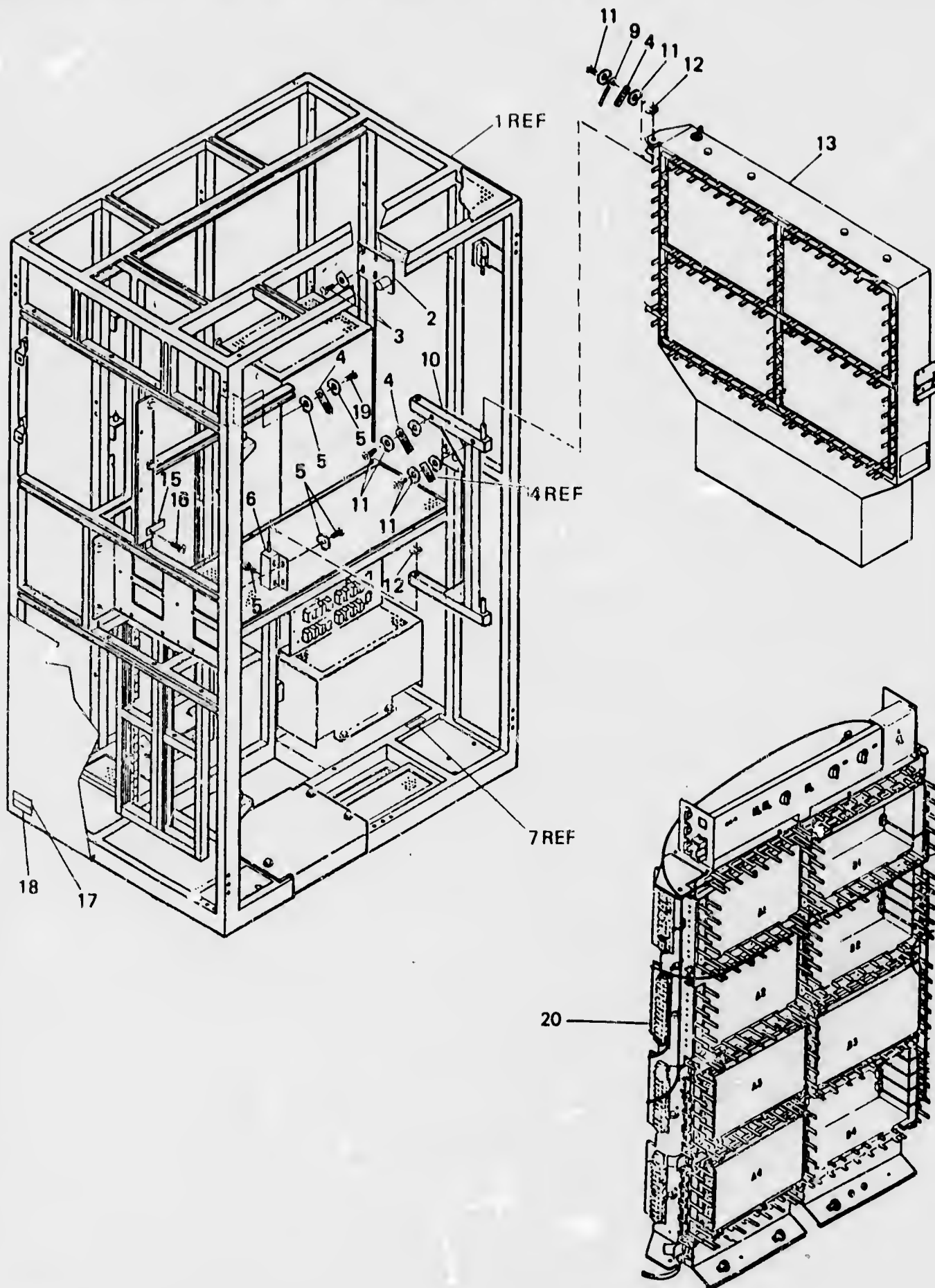
NOTE B USED ON MACHINES W/O HDSCS

NOTE C USED ON MODEL 4

C18-	NP	REF	GATE ASM, LOGIC (2 CHANNEL) SHT 3 OF 5 FOR NEXT HIGHER ASM S/E FRAME 1/B16
-100	2342832	(1)	• CONDUCTOR ASM, FDS GTB1 TO B1Z3 RETURN
-101	2342833	(1)	• CONDUCTOR ASM, FDS GTB1 TO B1Z5 +5V
-102	2342787	(1)	• CONDUCTOR ASM, FDS A, B GTB3 TO B3YE +5V
-103	2342786	(1)	• CONDUCTOR ASM, FDS A, B CTB3 TO B3YD RETURN
-104	2342784	(1)	• CONDUCTOR ASM, FDS A, B GTB3 TO B3ZG +8.5V, -5V
-111	2342783	(1)	• CONDUCTOR ASM, FDS A, B GTB3 TO B3ZF +7.25V, +3V
-112	2342785	(1)	• CONDUCTOR ASM, FDS A, B GTB3 TO B3ZE RETURN
-113	2342782	(1)	• CONDUCTOR ASM, FDS A, B GTB3 TO B3ZC +6V, -1.5V
-114	2342793	(1)	• CONDUCTOR ASM, FDS GTB4 TO B4YE +5V
-115	2342792	(1)	• CONDUCTOR ASM, FDS GTB4 TO B4YD RETURN
-120	2342790	(1)	• CONDUCTOR ASM, FDS GTB4 TO B4ZG +8.5V, -5V
-121	2342789	(1)	• CONDUCTOR ASM, FDS A, B GTB4 TO B4ZF +7.25V, +3V
-122	2342791	(1)	• CONDUCTOR ASM, FDS GTB4 TO B4ZE RETURN
-123	2342788	(1)	• CONDUCTOR ASM, FDS GTB4 TO B4ZC +6V, -1.5V
-125	2290553	(1)	• CABLE ASM GTB1 TO BOARD B1
-130	4797488	(1)	• CABLE ASM B1Z2 TO B4ZD
-131	4797489	(1)	• CABLE ASM A, B B1Z3 TO B3ZD
-132	4797496	(1)	• CABLE ASM A, B B1S2X TO B4Q2X
-133	4797494	(1)	• CABLE ASM A, B B1T2Y TO B3P2W
-134	4797492	(1)	• CABLE ASM A, B B1T2W TO B3Q2W
-135	4797493	(1)	• CABLE ASM A, B B1T2X TO B3Q2X
-135	4797496	(1)	• CABLE ASM C B1T2X TO B3Q2X
-136	4797497	(1)	• CABLE ASM B1S2Y TO B4P2W
-137	4797495	(1)	• CABLE ASM B1S2W TO B4Q2W

END OF ASSEMBLY. (EC 462876) 4801906 REF

FIGURE 1/B02. MODEL COMPLETION GRP, 11 AND 13 (SHT 1 OF 2)



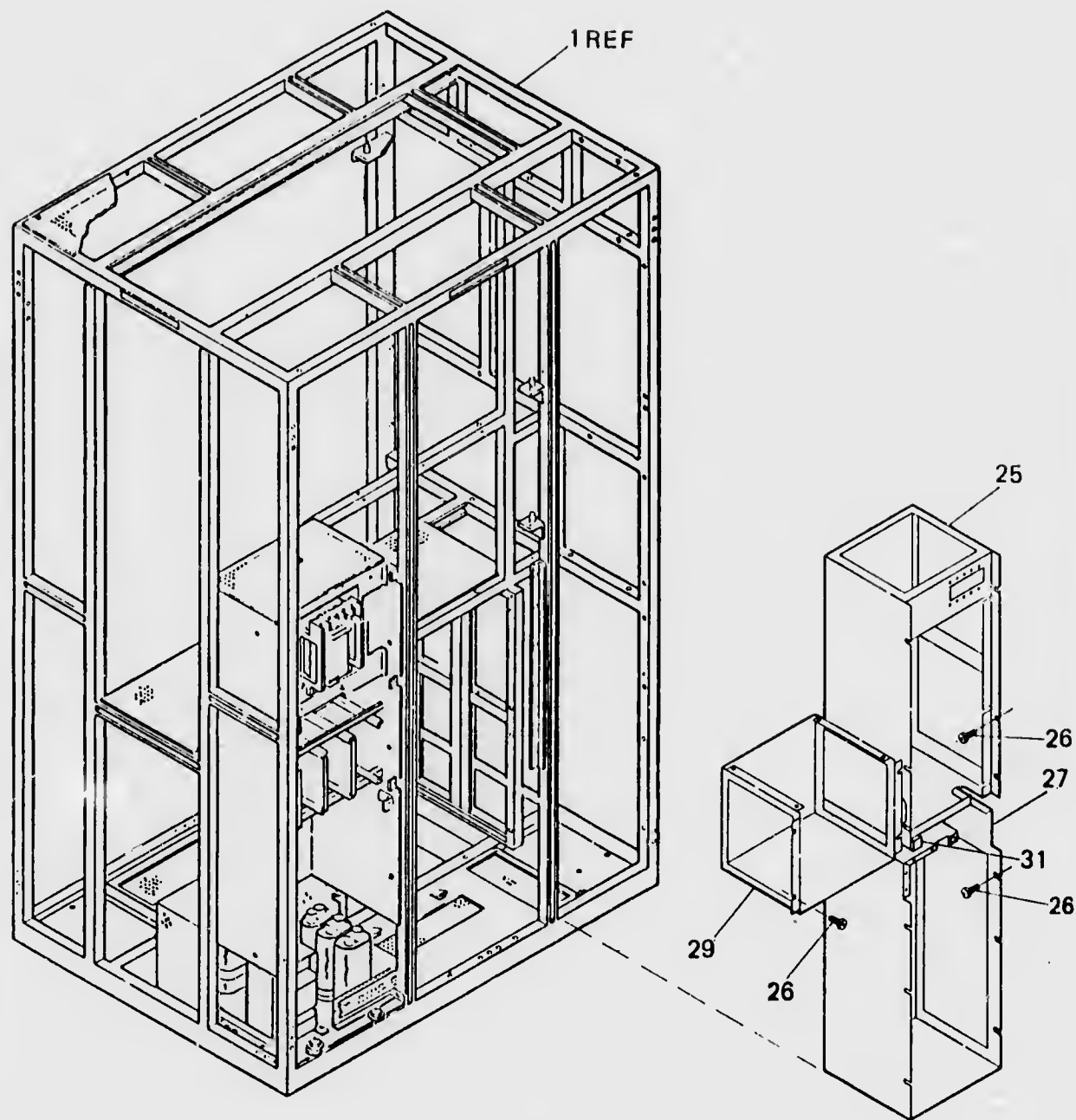
LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE A USED ON (60HZ)
NOTE B USED ON (50HZ) NOT JAPAN
NOTE C USED ON (50HZ) JAPAN
NOTE D JARFALLA ONLY

B02-	NR	REF	MODEL COMPLETION GRP, 11 AND 13 SHT 1 OF 2 FOR NEXT HIGHER ASM SEE FRAME 1/A14	
- 1	NR	REF	• CABLE ROUTING, MOD 11 FOR DETAIL BREAKDOWN SEE FRAME 2/B08	
- 1	NR	REF	• CABLE ROUTING, MOD 13 DUAL FRAME FOR DETAIL BREAKDOWN SEE FRAME 2/B10	
- 2	4764711	(1)	• LATCH, BRACKET	
- 3	5353301	(2)	• SCREW, THD FORM-HEX WSHR HD .250-20 X .625 LONG	
- 3	2125656	(2)	• LOCKWASHER, .261 ID X .875 OD X .040 THICK	
- 4	4451939	(2)	• GRD STRAP	
- 5	5353301	(7)	• SCREW, THD FORM-HEX WSHR HD .250-20 X .625 LONG	
- 5	2125656	(5)	• LOCKWASHER, .261 ID X .875 OD X .040 THICK	
- 6	8493014	(2)	• HINGE, BRACKET	
- 7	4764887	REF	• PLATE, RATING (MOD 11) A	
- 7	4764888	(1)	• PLATE, RATING (MOD 13) A	
- 7	4764889	(1)	• PLATE, RATING (MOD 11) B, C	
- 7	4764890	(1)	• PLATE, RATING (MOD 13) B, C	
- 9	4451938	REF	• JUMPER, GRD	
- 10	8493013	(1)	• HINGE, ARTICULATED	
- 11	1621191	(2)	• SCREW, METRIC-SLOT PAN HD M4 X 10MM LONG	
- 11	2125963	(4)	• LOCKWASHER, INT THICK NO. 8 X .562 OD X .025 THD	
- 12	237245	(4)	• RING, RETAINING EXT .300 ID X .035 THICK	
- 13	NR	(1)	• GATE ASM, 'B' LOGIC (4/8MG) FOR DETAIL BREAKDOWN SEE FRAME 2/B16	
- 15	4451940	(1)	• BUMPER, GATE	
- 16	4796650	(1)	• SCREW	
- 17	4853912	(1)	• PLATE, POWER RATING 60HZ A, B	
- 18	2288825	(1)	• PLATE, INFO UL/USA A, B	
- 19	5353301	(1)	• SCREW, THD FORM-HEX WSHR HD .250-20 X .625 LONG	
- 19	5350092	(1)	• SCREW, THD FORM-HEX WSHR HD .250-20 X .750 LONG D	
- 20	NR	REF1	• GATE ASM, 'A' LOGIC FOR DETAIL BREAKDOWN SEE FRAME 2/B12	

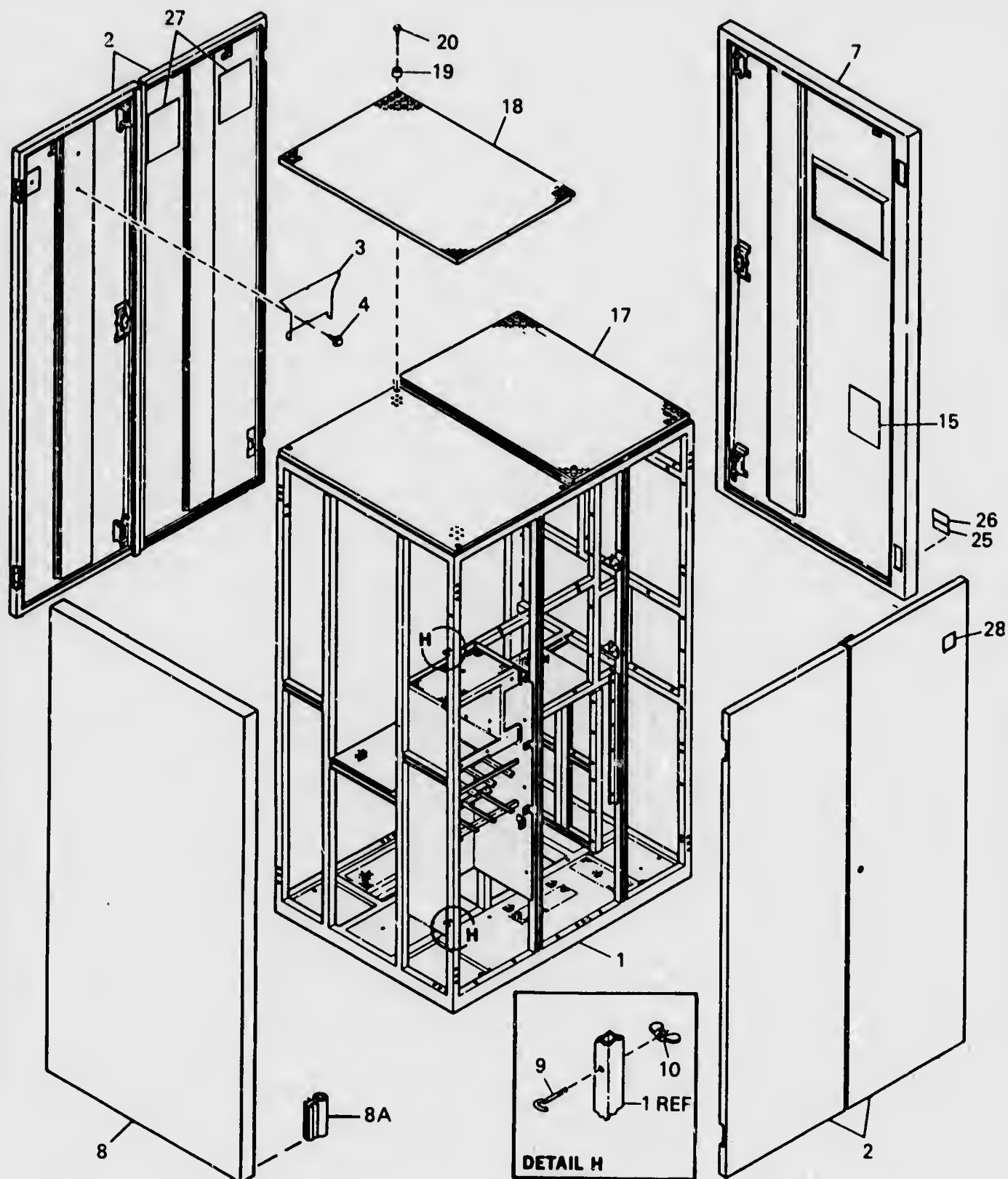
END OF SHEET 1 OF 2 (EC 328957A) 4451942 REF

FIGURE 1/B04. MODEL COMPLETION GRP, 11 AND 13 (SHT 2 OF 2)



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
			NOTE A USED ON 60HZ	
			NOTE B USED ON (50HZ) NOT JAPAN	
			NOTE C USED ON (50HZ) JAPAN	
B04-	NR	REF	MODEL COMPLETION GRP, 11 AND 13	SHT 2 OF 2
			FOR NEXT HIGHER ASM SEE FRAME 1/A14	
- 1	NR	REF	• CABLE ROUTING, MOD 11	
			FOR DETAIL BREAKDOWN SEE FRAME 2/B08	
- 1	NR	REF	• CABLE ROUTING, MOD 13	
			FOR DETAIL BREAKDOWN SEE FRAME 2/B10	
- 25	4764852	(1)	• POWER SUPPLY ASM, 'B'	
			FOR DETAIL BREAKDOWN SEE FRAME 2/C08	
- 26	4796650	(14)	• SCREW	
- 27	4764849	(1)	• POWER SUPPLY ASM, 'A' (60HZ)	A
- 27	4764851	(1)	• POWER SUPPLY ASM, 'A' (50HZ) NOT JAPAN	B
- 27	4764850	(1)	• POWER SUPPLY ASM, 'A' (50HZ) JAPAN	C
			FOR DETAIL BREAKDOWN SEE FRAME 2/C04	
- 29	4470019	(1)	• POWER SUPPLY ASM, 'C'	
			FOR DETAIL BREAKDOWN SEE FRAME 2/C12	
- 31	4479259	REF	• SLIDE	
END OF SHEET 2 OF 2 (EC 328957A) 4451942 REF				

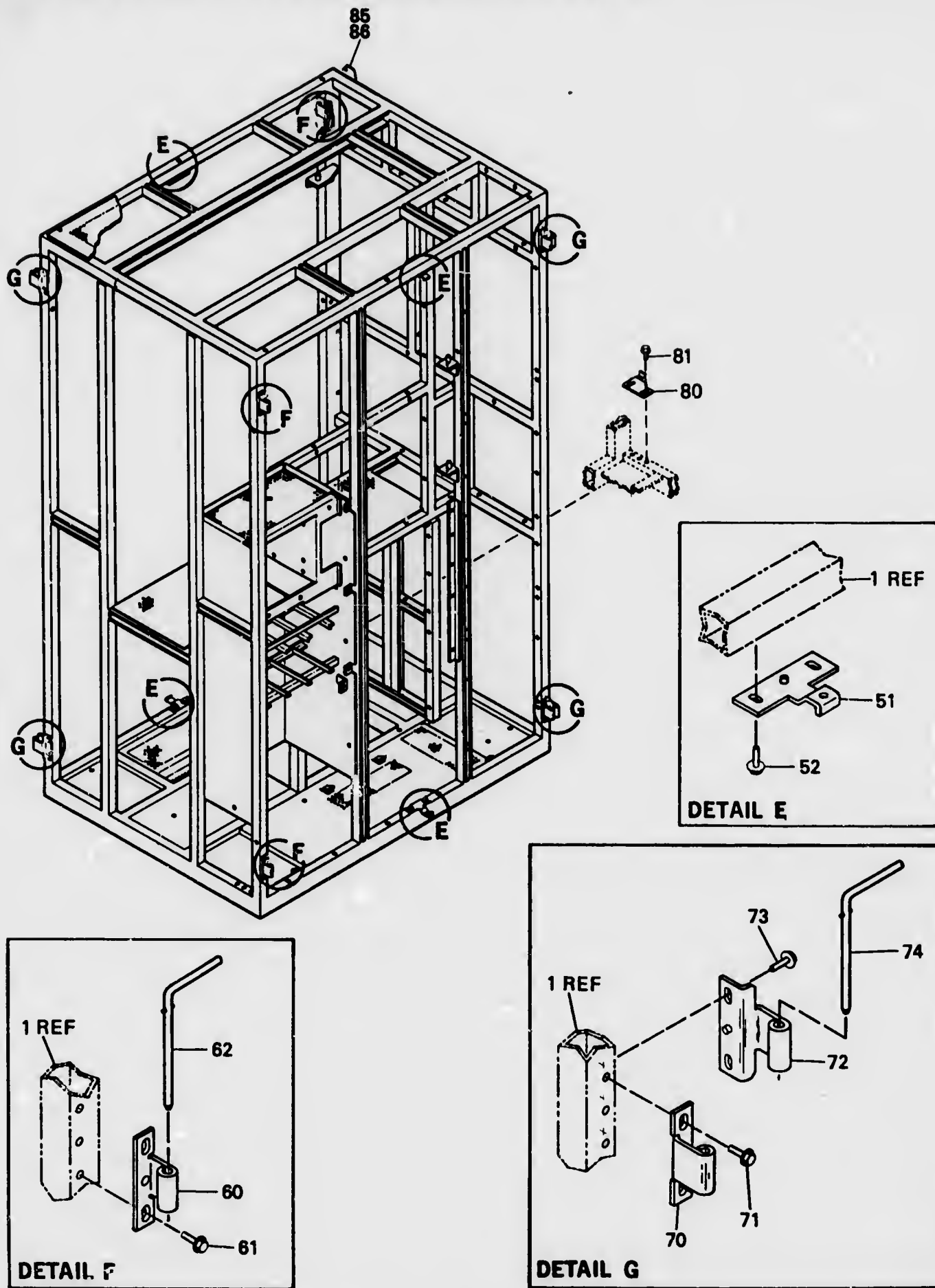
FIGURE 1/B06. COVER GRP, STORAGE DIRECTOR (SHT 1 OF 2)



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
B06-	SELECT	REF	COVER GRP, STORAGE DIRECTOR SHT 1 OF 2 FOR NEXT HIGHER ASM SEE FRAME 1/A14	
- 1	NR	REF	• FINAL ASM, 1, 2, 4 AND 8 CHANNEL FOR DETAIL BREAKDOWN SEE FRAME 1/B16	
- 2	8499643	(2)	• COVER KIT, FRONT/REAR (ROSE)	
- 2	8499644	(2)	• COVER KIT, FRONT/REAR (BLUE)	
- 2	8499645	(2)	• COVER KIT, FRONT/REAR (YELLOW)	
- 2	8499646	(2)	• COVER KIT, FRONT/REAR (GREEN)	
- 2	8499647	(2)	• COVER KIT, FRONT/REAR (BROWN)	
- 2	8499648	(2)	• COVER KIT, FRONT/REAR (GRAY) FOR DETAIL BREAKDOWN SEE FRAME 2/C14	
- 3	2342795	(1)	• RACK, DISK STORAGE	
- 4	1621811	(2)	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 10MM LG	
- 7	949970	(1)	• COVER ASM, END (RIGHT) FOR DETAIL BREAKDOWN SEE FRAME 2/C16	
- 8	2291529	(1)	• COVER ASM, END (LEFT)	
- 8A	4511727	(AR)	• SEAL (SPECIFY LENGTH)	
- 9	2291517	(2)	• HOOK	
- 10	2291519	(2)	• WINGNUT	
- 15	2679464	REF	• LABEL (1, 2, 4 CHANNEL) MOD 1, 2, 3	
- 15	2679435	REF	• LABEL (3 CHANNEL) MOD 1, 2, 3	
- 15	8499115	REF	• LABEL (1, 2 CHANNEL) MOD 4	
- 17	4797436	(1)	• COVER, TOP (RIGHT) SEE SHT 2, VIEW D	
- 18	4797435	(1)	• COVER, TOP (LEFT) SEE SHT 2, VIEW D	
- 19	5397868	(6)	• PLUG	
- 20	1621813	(6)	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 16MM LG	
- 25	2288825	(1)	• LABEL, (CSA-UL)	
- 26	4801795	(1)	• LABEL, POWER RATING MOD 1, 2, 3	
- 26	8499127	(1)	• LABEL, POWER RATING MOD 4	
- 27	2679437	(2)	• LABEL, ADDRESS MOD 1, 2, 3	
- 27	8399119	(2)	• LABEL, ADDRESS MOD 4	
- 28	2342720	(2)	• PLATE, NAME	

END OF SHEET 1 OF 2 (EC 462868) 2314648 REF

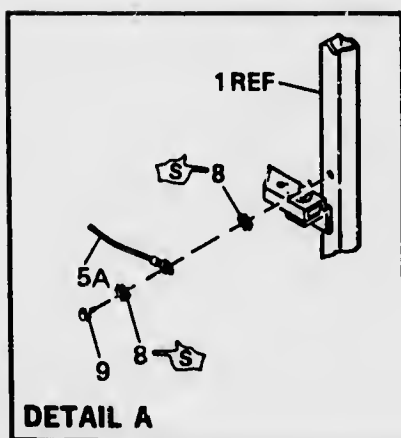
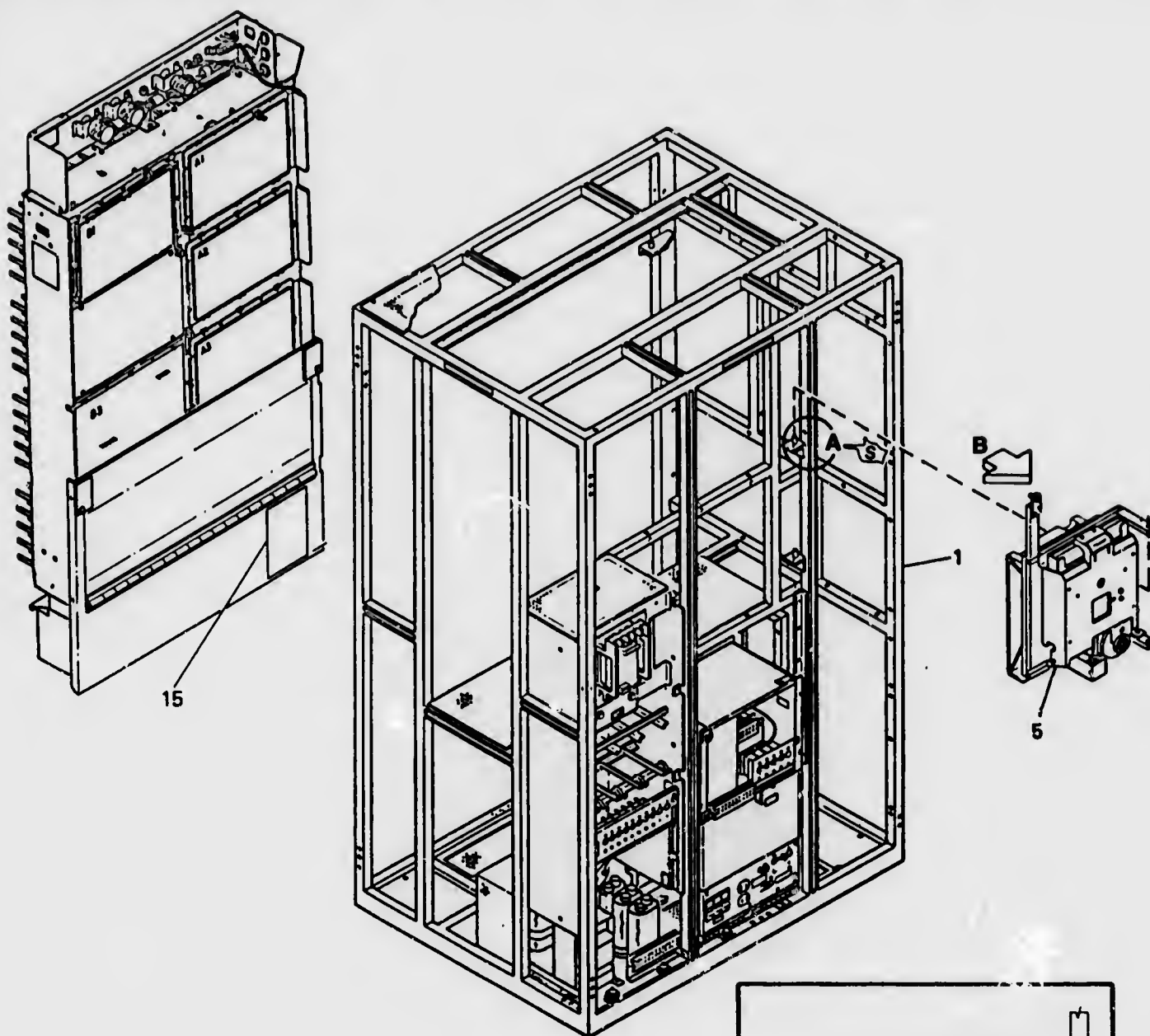
FIGURE 1/B08. COVER GRP, STORAGE DIRECTOR (SHT 2 OF 2)



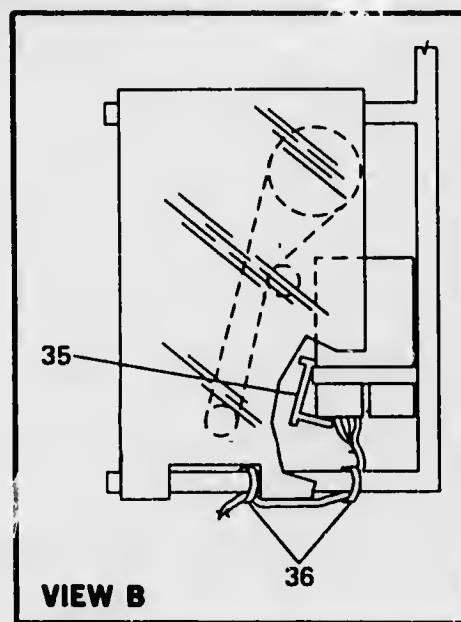
LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
B08-	NP	REF	COVER GRP, STORAGE DIRECTOR SHT 2 OF 2 FOR NEXT HIGHER ASM SEE FRAME 1/A14	
- 51	4797104	(4)	• STRIKER, LATCH	
- 52	1621818	(8)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG	
- 60	2760585	(4)	• HINGE, COVER	
- 61	1621818	(8)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG	
- 62	2760208	(8)	• PIN, HINGE	
- 70	2760585	(4)	• HINGE, COVER	
- 71	1621818	(8)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG	
- 72	2760587	(4)	• HINGE, COVER	
- 73	1621818	(8)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG	
- 74	2760208	(4)	• PIN, HINGE	
- 80	949972	(1)	• STRIKER, LOWER	
- 81	1621818	(2)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG	
- 85	8499655	(1)	• STRIKER, UPPER	
- 86	1621818	(2)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG	

END OF ASSEMBLY (EC 462868) 2314648 REF

FIGURE 1/E10. FINAL ASM, READ/WRITE ASM AND CHANNEL LABEL VIEW



S Safety Related Item



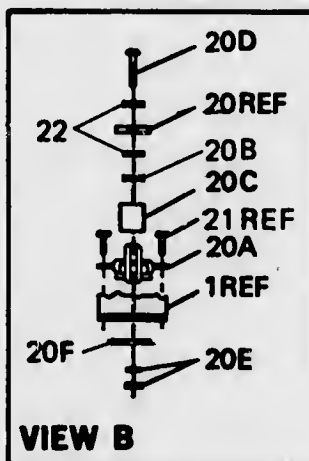
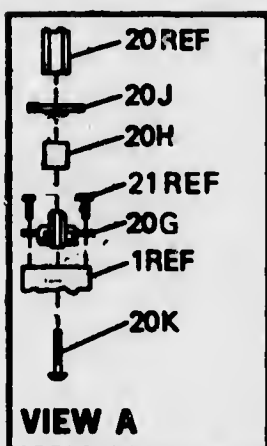
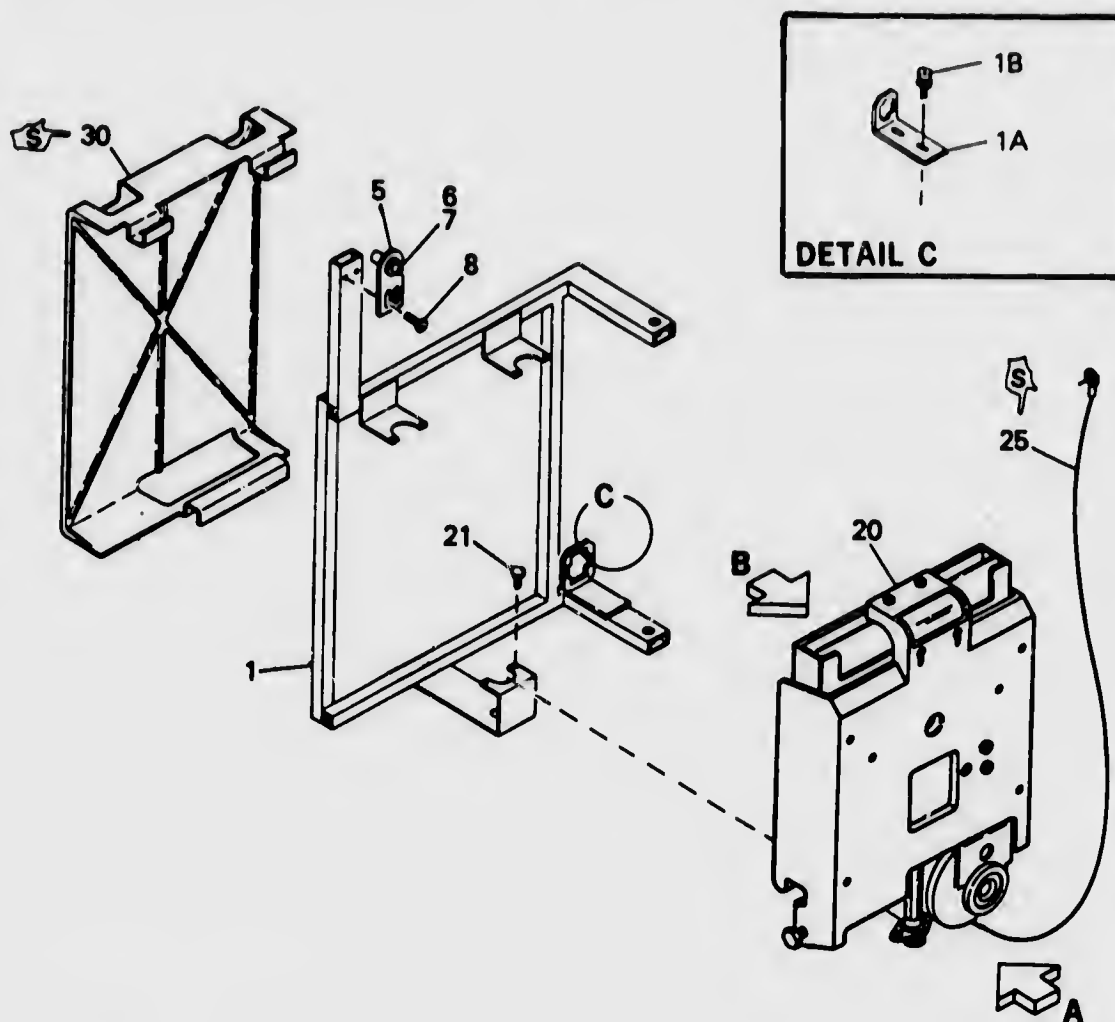
LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE A USED ON 60HZ
NOTE B USED ON 50HZ

B10-	SELECT	REF	FINAL ASM, READ/WRITE ASM AND CHANNEL LABEL VIEW FOR NEXT HIGHER ASM SEE FRAME 1/A14	
- 1	NP	(1)	• FINAL ASM, 1, 2, 4 AND 8 CHANNEL FOR DETAIL BREAKDOWN SEE FRAME 1/B16	
- 5	2314618	(1)	• READ/WRITE ASM, DISKETTE (60HZ)	A
- 5	2314619	(1)	• READ/WRITE ASM, DISKETTE (50HZ) FOR DETAIL BREAKDOWN SEE FRAME 1/B12	B
- 5A	2342967	REF	• • JUMPER ASM, MOTOR GROUND FOR CABLE ROUTING SEE FRAME 2/D02	
- 8	1622347	(2)	• LOCKWASHER, METRIC-EXT TOOTH 5.3 ID X 10 OD INSTALL A LCKW BETWEEN GND STRAP AND FRAME	
- 9	1621818	(1)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG	
- 15	2342801	(1)	• LABEL (1, 2, 4 CHANNEL)	MOD 1
- 15	2679462	(1)	• LABEL (8 CHANNEL)	MOD 1
- 15	2679459	(1)	• LABEL (1, 2, 4 CHANNEL)	MOD 2
- 15	2679434	(1)	• LABEL (8 CHANNEL)	MOD 2
- 15	2679461	(1)	• LABEL (1, 2, 4 CHANNEL)	MOD 3
- 15	2679463	(1)	• LABEL (8 CHANNEL)	MOD 3
- 15	8499113	(1)	• LABEL	MOD 4
- 35	5562116	(1)	• CLAMP, CARD	
- 36	1159519	(2)	• TIE, CABLE (152.4 MM LG)	

END OF ASSEMBLY (EC 453984B) 4801892 REF

FIGURE 1/B12. READ/WRITE ASM, DISKETTE



S Safety Related Item

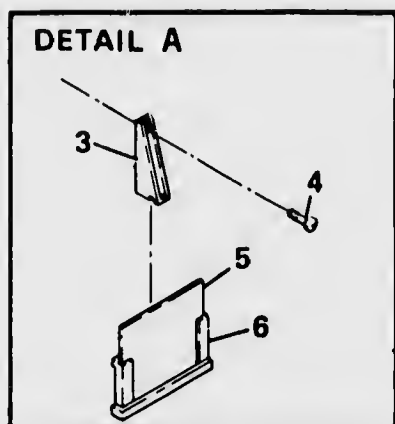
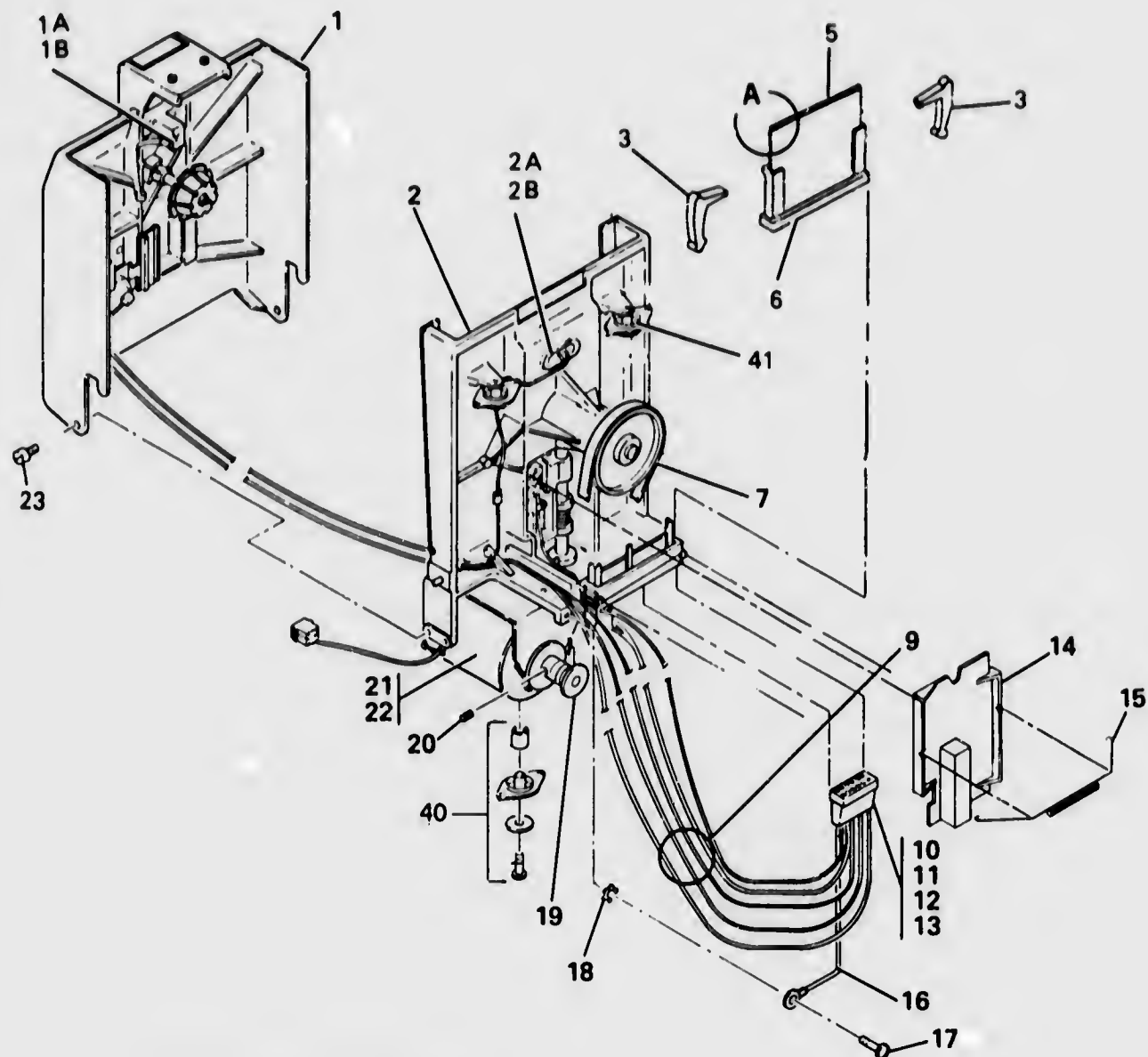
LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE A USED ON 60HZ
NOTE B USED ON 50HZ
NOTE X MACHINE LEVEL DETERMINES PART NUMBER SELECTION

B12-	SELECT	REF	READ/WRITE ASM, DISKETTE	
-	2314618	REF	READ/WRITE ASM, DISKETTE (60HZ)	A
-	2314619	REF	READ/WRITE ASM, DISKETTE (50HZ)	B
			FOR NEXT HIGHER ASM SEE FRAME 1/B10	
- 1	2314646	(1)	• FRAME, READ/WRITE ASM	
- 1A	2281820	(1)	• BRACKET	X
- 1B	2277914	(2)	• SCREW/LCKWSHR, PAN HEAD 8-32 X .375 LG.	X
- 5	4163549	(1)	• LATCH, GATE	
- 6	808362	(1)	• ACTUATOR, LATCH	
- 7	808361	(1)	• RETAINER, ACTUATOR	
- 8	5319854	(2)	• SCREW, THD FORM-HEX WSHR HD 8-32 X .375 LONG	
- 20	2305515	(1)	• DRIVE ASM, DISKETTE (60HZ) RED CABLE CONNECTOR.	A
- 20	2305495	(1)	• DRIVE ASM, DISKETTE (60HZ) WHITE CABLE CONN	X
- 20	2305517	(1)	• DRIVE ASM, DISKETTE (50HZ) RED CABLE CONNECTOR.	B
- 20	2305497	(1)	• DRIVE ASM, DISKETTE (50HZ) WHITE CABLE CONN	X
			FOR DETAIL BREAKDOWN SEE FRAME 1/B14	
- 20A	2305625	(2)	• • MOUNT, SHOCK	
- 20B	631865	(2)	• • WASHER, FLAT .147 ID X .406 OD X .031 THICK	
- 20C	2278073	(2)	• • COLLAR	
- 20D	438570	(2)	• • SCREW, MACH-BIND HD 6-32 X 1.500 LONG	
- 20E	6364	(2)	• • LOCKWASHER, SPLIT .141 ID X .253 OD	
- 20E	257187	(2)	• • NUT, HEX 6-32 X .313 FLAT W	
- 20F	2278074	(2)	• • WASHER, FLAT .170 ID X .880 OD X .032 THICK	
			SEE VIEW B	
- 20G	2280710	(1)	• • MOUNT, SHOCK	
- 20H	2278073	(1)	• • COLLAR	
- 20J	2278074	(1)	• • WASHER, FLAT .170 ID X .880 OD X .032 THICK	
- 20K	438568	(1)	• • SCREW, MACH-BIND HD 6-32 X 1.125 LONG	
			SEE VIEW A	
- 21	2181005	(6)	• SCREW, THD FORM-HEX WSHR HD 6-32 X .375 LONG	
- 22	1622347	(4)	• LOCKWASHER, METRIC-EXT TOOTH 5.3 ID X 10 OD	
			SEE VIEW B	
- 25	2342967	(1)	• JUMPER ASM, GROUND	
			ATTACH TO EXSISTING MOTOR GND	
- 30	949993	(1)	• SHIELD, SAFETY	

END OF ASSEMBLY (EC 453984) 2314618 REF

FIGURE 1/B14. DISK DRIVE ASM, DISKETTE



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE X MACHINE LEVEL DETERMINES PART NUMBER SELECTION

B14-	SELECT	REF	DRIVE ASM, DISKETTE	
-	2305515	REF	DRIVE ASM, DISKETTE (60 HZ) RED CABLE CONNECTOR	A
-	2305495	REF	DRIVE ASM, DISKETTE (60 HZ) WHITE CABLE CONN	X
-	2305517	REF	DRIVE ASM, DISKETTE (50 HZ) RED CABLE CONNECTOR	B
-	2305497	REF	DRIVE ASM, DISKETTE (50 HZ) WHITE CABLE CONN	X
			FOR NEXT HIGHER ASM SEE FRAME 1/B12	
- 1	2305602	(1)	• PLATE ASM, CLAMPING	
- 1A	2305656	(1)	• • DIODE ASM, LIGHT EMITTING (LED)	
- 1B	81693	(2)	• • SCREW, MACH-BIND HD 6-32 X .375 LONG	
- 2	2305700	(1)	• BASE PLATE ASM, DRIVE	
- 2A	2305604	(1)	• • TRANSISTOR ASM, PHOTO	
- 2B	170215	(1)	• • SCREW AND WSHR, FIL HD 6-32 X .375 LONG	
- 3	5562116	(2)	• RETAINER, CARD	
- 3	2305474	(1)	• HOLDER, CARD	X
- 4	2181005	(1)	• SCREW, THD FORM-HEX WSHR HD 6-32 X .375 LONG	X
- 5	8528202	(1)	• CARD ASM, LOGIC	
- 6	811804	(1)	• GUIDE CARD	
- 7	2462593	(1)	• BELT, DISKETTE DRIVE (60HZ)	A
- 7	5562034	(1)	• BELT, DISKETTE DRIVE (50HZ)	B
- 9	P/N	REF	• CABLE ASM, HEAD LOAD	
- 10	5447741	REF	• HOUSING, SINGLE HIGH SERPENT 24 PIN POS	
- 11	5466397	(2)	• STRAIN RELIEF	
- 12	5466393	(2)	• CLAMP	
- 13	109918	(2)	• SCREW, THD FORM-FLAT HD 4-40 X 0.50 LONG	
- 14	2594695	(1)	• SHIELD ASM, DUST	
- 15	2772892	(1)	• SPRING, RETAINING	
- 16	2305598	(1)	• JUMPER ASM	
- 17	2181005	(1)	• SCREW, THD FORM-HEX WSHR HD 6-32 X .375 LONG	
- 18	56722	(1)	• LOCKWASHER, EXT TOOTH .141 ID X .320 OD	
- 19	2305597	(1)	• PULLEY, DRIVE (60 HZ) WITH FAN	A
- 19	2305631	(1)	• PULLEY, DRIVE (60 HZ) W/O FAN	X
- 19	2305540	(1)	• PULLEY, DRIVE (50 HZ) WITH FAN	B
- 19	2305708	(1)	• PULLEY, DRIVE (50 HZ) W/O FAN	X
- 20	257970	(1)	• SETSCREW, SOC 6 FLUTED 6-32 X .250 LONG FL PT	
- 21	4178053	(1)	• MTR/BRKT ASM, DRIVE (60 HZ) RED CABLE CONNECTOR	A
- 21	2305674	(1)	• MTR/BRKT ASM, DRIVE (60 HZ) WHITE CONNECTOR	X
- 21	4178057	(1)	• MTR/BRKT ASM, DRIVE (50 HZ) RED CABLE CONNECTOR	B
- 21	2305677	(1)	• MTR/BRKT ASM, DRIVE (50 HZ) WHITE CONNECTOR	X
- 22	234341	(2)	• SCREW AND WSHR, HEX HD .250-20 X .625 LONG	
- 23	2305649	(2)	• PIN, PIVOT	
- 40	NR	(1)	• DRIVE MTG GRP, BOTTOM	
			FOR BREAKDOWN SEE FRAME 1/B12 DETAIL A	
- 41	NR	(1)	• DRIVE MTG GRP, TOP	
			FOR BREAKDOWN SEE FRAME 1/B12 DETAIL B	

END OF ASSEMBLY (EC 862788) 2305501 REF

This diagram illustrates the assembly of a rack-mounted electronic unit. The main assembly shows a rack (1) with internal components including a power supply (50), a control panel (30), and a terminal block (55). A door (15) is shown in an exploded position, revealing internal components like a switch (16) and a terminal block (15). A detailed view of the door (DETAIL A) shows the internal components (10, 11, 5A) and the door frame (1 REF). A safety-related item (S) is indicated by a symbol. A detailed view of the terminal block (20) shows its internal components (21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100).

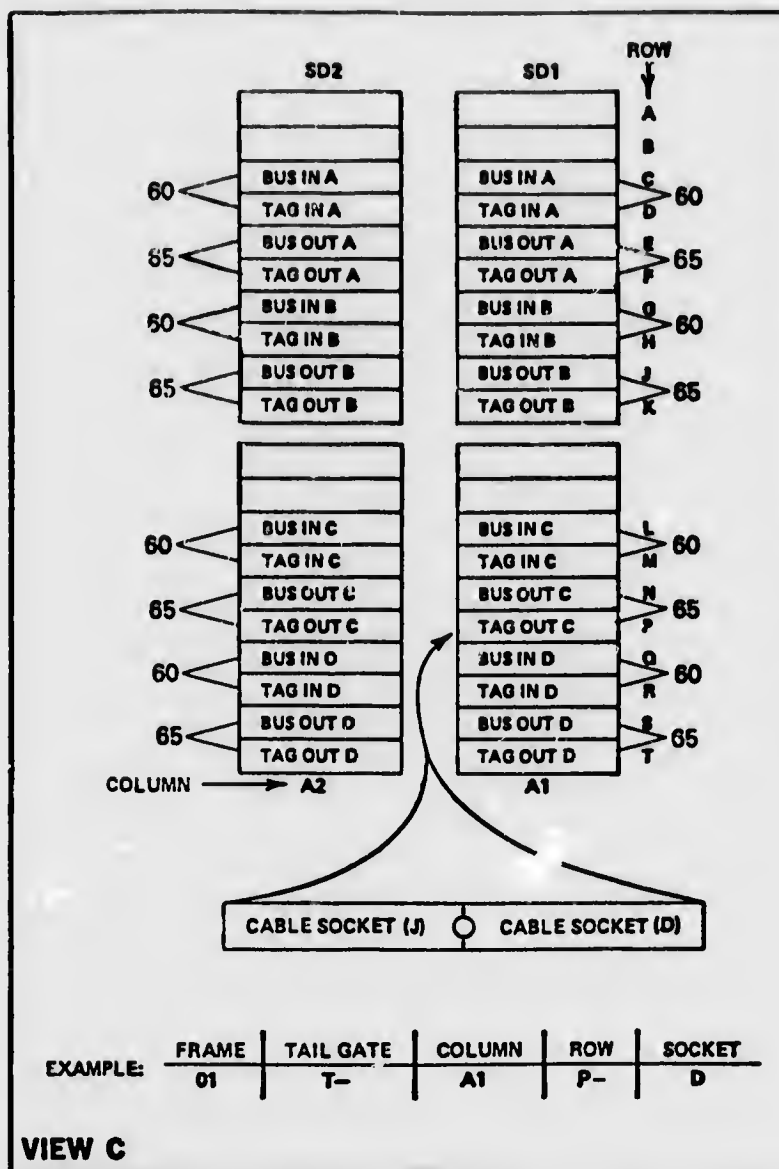
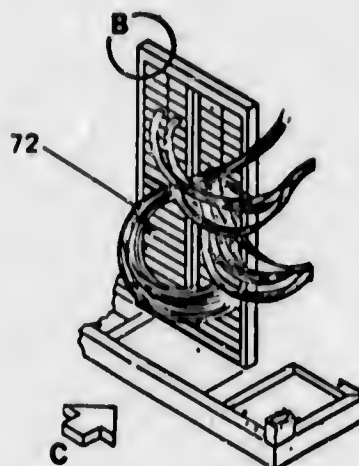
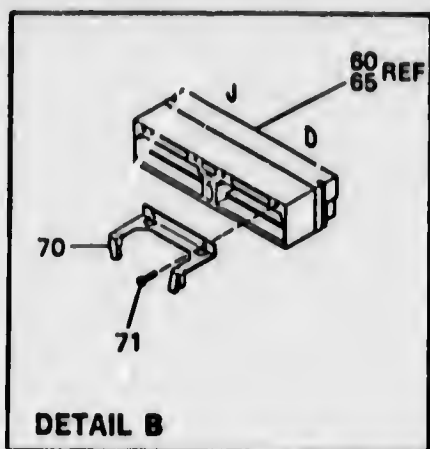
LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE A USED ON 60HZ
NOTE B USED ON 50HZ

B16-	SELECT	REF	FINAL ASM, 1, 2, 4 AND 8 CHANNEL. SHT 1 OF 2 FOR NEXT HIGHER ASM SEE FRAME 1/B10 FOR MOD 1, 2, 3 AND 4 COMPLETION GRP SEE FRAME 1/A18 FOR MOD 11 AND 13 COMPLETION GRP SEE FRAME 1/B02	
- 1	NP	(1)	• SUB-ASM, MECH/PWR FOR DETAIL BREAKDOWN SEE FRAME 1/C02	
- 5	NP	(1)	• GATE ASM, LOGIC (1 CHANNEL) FOR DETAIL BREAKDOWN SEE FRAME 1/C08	
- 5	NP	(1)	• GATE ASM, LOGIC (2 CHANNEL) FOR DETAIL BREAKDOWN SEE FRAME 1/C14	
- 5	NP	(1)	• GATE ASM, LOGIC (4 CHANNEL) FOR DETAIL BREAKDOWN SEE FRAME 1/D02	
- 5	NP	(1)	• GATE ASM, LOGIC (8 CHANNEL) FOR DETAIL BREAKDOWN SEE FRAME 1/D10	
- 5A	NUMBER	REF	• • STRAP, GROUND FOR CABLE ROUTING SEE FRAME 2/D02	
- 6	219743	(2)	• RING, RETAINING	
- 10	2125974	(2)	• LOCKWASHER, INT THICK .200 ID X .562 OD	
- 11	1621818	(1)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG	
- 15	2342973	(1)	• COVER, GATE	
- 15	4057747	(1)	• COVER, GATE. B SUBSTITUTE PART FOR WTC	
- 16	1621818	(3)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 10MM LG	
- 20	949964	(1)	• BLOWER ASM, AIR (60HZ) A	
- 20	949965	(1)	• BLOWER ASM, AIR (50HZ) B	
- 21	1621820	(3)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 16MM LG	
- 22	257187	(1)	• NUT, HEX 6-32 X .313 FLAT W	
- 25	949964	(1)	• BLOWER ASM, AIR (60HZ 4, 8 CHAN ONLY) A	
- 25	949965	(1)	• BLOWER ASM, AIR (50HZ 4, 8 CHAN ONLY) B	
- 26	1621820	(3)	• SCREW, METRIC-THD FORM HEX WSHR HD M5 X 16MM LG	
- 27	257187	(1)	• NUT, HEX 6-32 X .313 FLAT W FOR CABLE ROUTING SEE FRAME 2/D02	
- 30	NP	(1)	• PANEL ASM, OPERATOR (1, 2, 4 CHANNEL) FOR DETAIL BREAKDOWN SEE FRAME 1/E08	
- 30	NP	(1)	• PANEL ASM, OPERATOR (8 CHANNEL) FOR DETAIL BREAKDOWN SEE FRAME 1/E10 FOR CABLE ROUTING SEE FRAME 2/D02	
- 31	1621211	(2)	• SCREW, METRIC-SLOT PAN HD M5 X 12MM LONG	
- 33	1159913	(3)	• TIE, CABLE	
- 35	1621811	(4)	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 10MM LG	
- 35	1622347	(4)	• LOCKWASHER, METRIC-EXT TOOTH 5.3 ID X 10 OD FOR CABLE ROUTING SEE FRAME 2/D02	
- 50	949911	(2)	• BAR, TAIL GATE	
- 51	1621811	(6)	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 10MM LG	
- 55	8483037	(4)	• SPRING, SUPPORT (50HZ). B EMEA COUNTRIES ONLY	
- 56	1621811	(8)	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 10MM LG B EMEA COUNTRIES ONLY	

END OF SHEET 1 OF 2 (EC 458468) 4801901 REF

FIGURE 1/B18. FINAL ASM, 1, 2, 4 AND 8 CHANNEL (SHT 2 OF 2)



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE 1 PLUG CONNECTOR INTO TAIL GATE PER
POSITION MARKED ON CONNECTOR

B18-	SELECT	REF	FINAL ASM, 1, 2, 4 AND 8 CHANNEL. SHT 2 OF 2
			FOR NEXT HIGHER ASM SEE FRAME 1/B10
			FOR MOD 1, 2, 3 AND 4 COMPLETION QRP SEE FRAME 1/A18
			FOR MOD 11 AND 13 COMPLETION QRP SEE FRAME 1/B02
- 60	2746749	(AR)	• CONNECTOR ASM, STYLE B 1
- 65	2746748	(AR)	• CONNECTOR ASM, STYLE A 1
- 70	5353895	(AR)	• BRACKET ASM, CARD RETAINING DOUBLE POST 1
- 71	112628	(AR)	• SCREW, MACH BIND HD SELF-TAP 4-40 X 3/8 LONG
- 72	1145574	(I)	• TIE, CABLE

END OF ASSEMBLY (EC 458468) 4801001 REF

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(Storage Director, Rear View)

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(Storage Director, Power View)

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CABLE ROUTING, MOD 1,2,3 & 4 (6 sheets) 2/D02

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CABLE ROUTING, MOD 13 DUAL FRAME 2/B10

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COVER ASM, REGULATOR 2/B02

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ASSEMBLY NAME	CD/FRM
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FINAL ASM, READ/WRITE ASM & CHNL LABELS ... 1/B10

FINAL ASM, 1,2,4 AND 8 CHANNEL (2 shts) 1/B16

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GATE ASM, 'B' BASIC (22 POS) MOD 11/13 2/C02

GATE ASM, 'B' LOGIC (4/8MB) (2 sheets) 2/B16

GATE ASM, LOGIC (1 CHANNEL) (3 sheets) 1/C08

GATE ASM, LOGIC (2 CHANNEL) (3 sheets) 1/C14

GATE ASM, LOGIC (4 CHANNEL) (4 sheets) 1/D02

GATE ASM, LOGIC (8 CHANNEL) (4 sheets) 1/D10

GATE ASM, LOGIC (BASIC) (2 sheets) 1/D18

HEATSINK ASM, RECTIFIER (MOD 11/13) 2/C10

LANGUAGE GRP, OPERATOR PANEL 1/A16

MECHANICAL/POWER ASM, BASIC (2 sheets) 1/C04

MODEL COMPLETION GRP, 1,2,3 AND 4 1/A18

MODEL COMPLETION GRP, 11 AND 13 (2 shts) ... 1/B02

PANEL ASM, CIRCUIT PROTECTOR 2/B04

PANEL ASM, CONNECTOR 2/B06

PANEL ASM, DC POWER SWITCH1/E04

PANEL ASM, OPERATOR (1,2,4 CHANNEL)1/E08

PANEL ASM, OPERATOR (8 CHANNEL)1/E10

POWER SUPPLY ASM, PSM 2/A18

POWER SUPPLY ASM, 'A' (MOD 11/13) 2/C04

POWER SUPPLY ASM, 'B' (MOD 11/13) 2/C08

PWR ASM, PRIMARY (USA/JAPAN) (2 sheets) 2/A06

PWR ASM, PRIM (50 HZ/NOTJAPAN) (4 shts) 2/A10

PWR SPLY ASM, BULK (1,2,4 CHANNEL)1/E14

PWR SPLY ASM, BULK (8 CHANNEL) 2/A04

READ/WRITE ASM, DISKETTE 1/B12

RECTIFIER ASM, BULK POWER SUPPLY1/E16

STORAGE DIRECTOR, FEATURE VIEW 1/A14

SUB-ASM, MECHANICAL/POWER 1/C02

SWITCH ASM, UNIT EMERGENCY1/E12

NUMERICAL INDEX2/E05

PREFACE

This Parts Catalog (PC), 3880 Volume 2, order number S1B7-0953-2, contains information released by Engineering on or before August 1, 1983

Third Edition (July 1983)

This is a major revision of and makes obsolete S1B7-0953-1. The entire manual has been revised and updated to reflect the latest engineering changes.

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Each assembly name indicates the figure number location within the catalog section.

Each assembly is identified by a figure number.
See associated list for figure name.

Each part number indicates the figure and item number location in the catalog section.

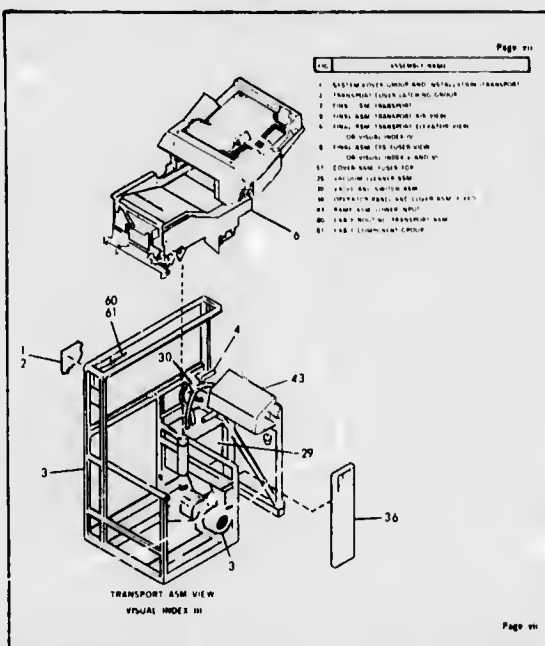
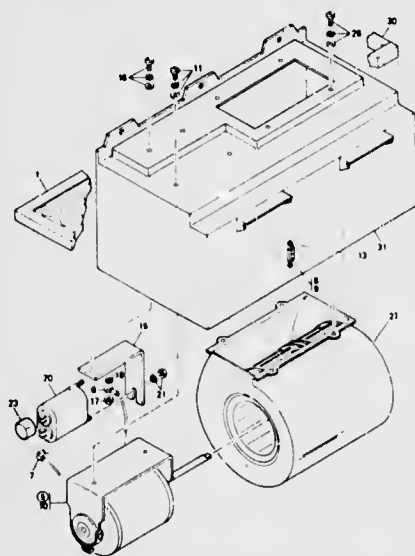
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FIGURE 6 COOLING ASM. LOGIC GATE



Locate the required part and its item number.

For definition of terms used in the listing see Glossary.

1 (STAGE)		PART		QTY		DESCRIPTION		3880 Pcs	Page 13
ITEM NO.		NAME							NOTES
9	1910000		1910000				COUPLER ASSE LONIC BAYE (20)		
9	1900001		1900001				COUPLER ASSE LONIC BAYE (20)		
							COUPLER ASSE LONIC BAYE (20)		
10	1910000		1910000				COUPLER ASSE LONIC BAYE (20)		
11	1910001		1910001				COUPLER ASSE LONIC BAYE (20)		
12	1910002		1910002				COUPLER ASSE LONIC BAYE (20)		
13	1910003		1910003				COUPLER ASSE LONIC BAYE (20)		
14	1910004		1910004				COUPLER ASSE LONIC BAYE (20)		
15	1910005		1910005				COUPLER ASSE LONIC BAYE (20)		
16	1910006		1910006				COUPLER ASSE LONIC BAYE (20)		
17	1910007		1910007				COUPLER ASSE LONIC BAYE (20)		
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19	1910009		1910009				COUPLER ASSE LONIC BAYE (20)		
20	1910010		1910010				COUPLER ASSE LONIC BAYE (20)		
21	1910011		1910011				COUPLER ASSE LONIC BAYE (20)		
22	1910012		1910012				COUPLER ASSE LONIC BAYE (20)		
23	1910013		1910013				COUPLER ASSE LONIC BAYE (20)		
24	1910014		1910014				COUPLER ASSE LONIC BAYE (20)		
25	1910015		1910015				COUPLER ASSE LONIC BAYE (20)		
26	1910016		1910016				COUPLER ASSE LONIC BAYE (20)		
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38	1910028		1910028				COUPLER ASSE LONIC BAYE (20)		
39	1910029		1910029				COUPLER ASSE LONIC BAYE (20)		
40	1910030		1910030				COUPLER ASSE LONIC BAYE (20)		
41	1910031		1910031				COUPLER ASSE LONIC BAYE (20)		
42	1910032		1910032				COUPLER ASSE LONIC BAYE (20)		
43	1910033		1910033				COUPLER ASSE LONIC BAYE (20)		
44	1910034		1910034				COUPLER ASSE LONIC BAYE (20)		
45	1910035		1910035				COUPLER ASSE LONIC BAYE (20)		
46	1910036		1910036				COUPLER ASSE LONIC BAYE (20)		
47	1910037		1910037				COUPLER ASSE LONIC BAYE (20)		
48	1910038		1910038				COUPLER ASSE LONIC BAYE (20)		
49	1910039		1910039				COUPLER ASSE LONIC BAYE (20)		
50	19								

END OF PARTSHEET (1910000)

GLOSSARY

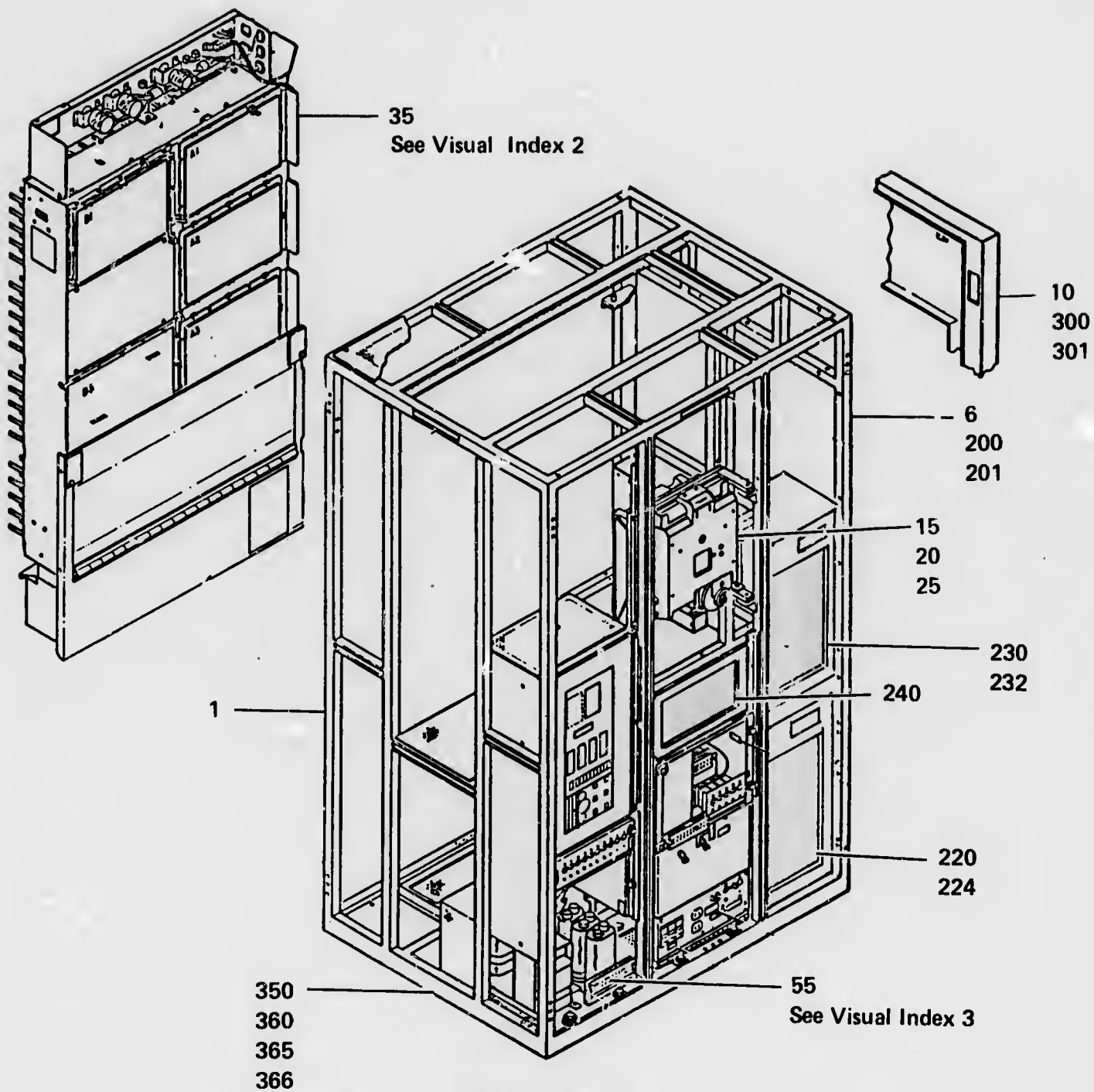
- For example:

Indenture	Relationship of the Parts
(no dot)	MAIN ASSEMBLY
(One dot)	● Detail parts of the main assembly
(One dot)	● Sub Assembly of main assembly
(Two dot)	● ● Detail parts of one-dot sub-assembly
(Two dot)	● ● Sub Assembly of one-dot sub assembly
(Three dot)	● ● ● Detail parts of two-dot sub assembly

HDSCS: High Density Static Control Store

Card 1 A04

VISUAL INDEX 1. STORAGE DIRECTOR, FRONT VIEW

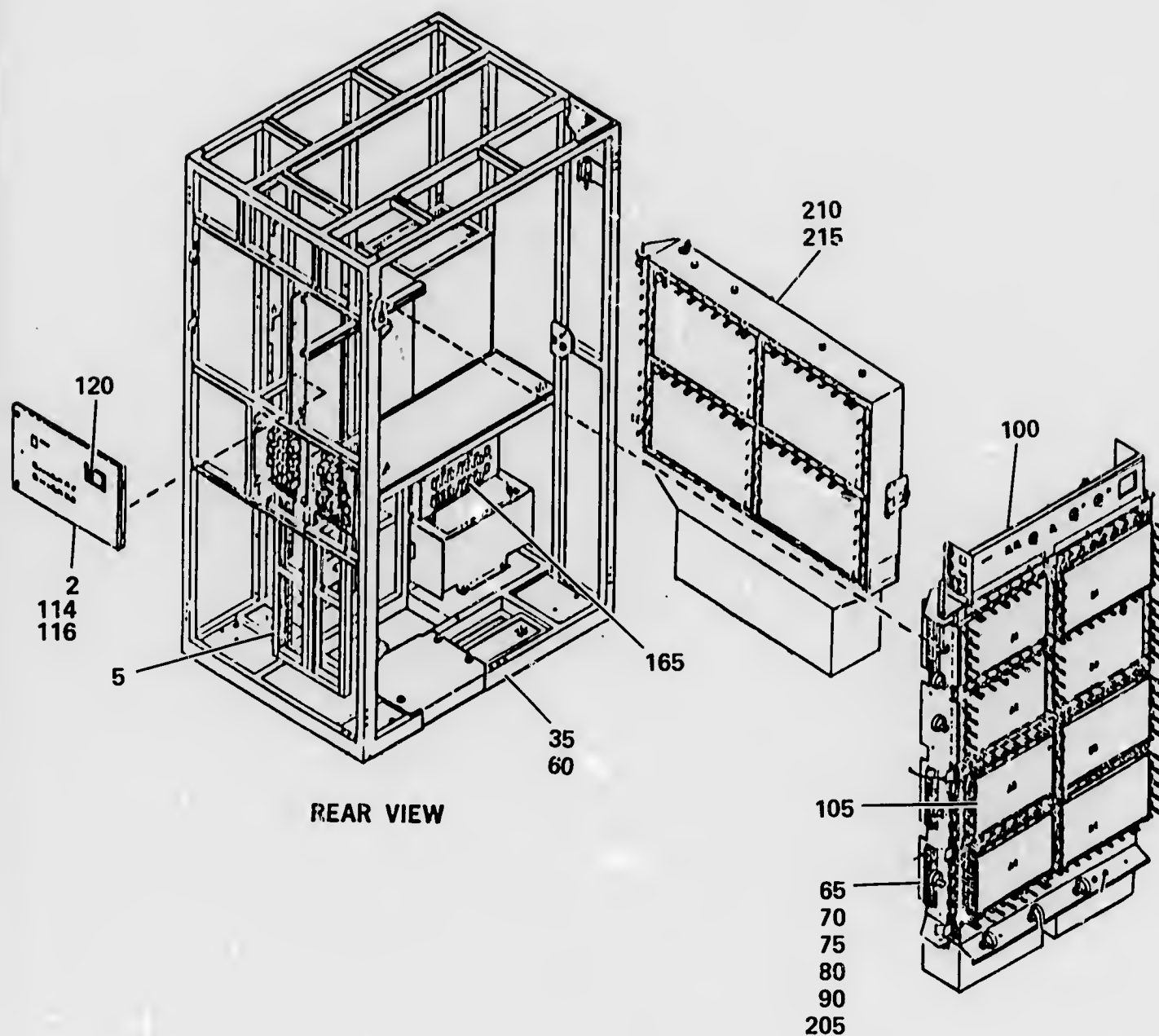


FRONT VIEW

ITEM	ASSEMBLY NAME	CD, FORM
------	---------------	----------

1.	STORAGE DIRECTOR, FEATURE VIEW	1/A14
6.	MODEL COMPLETION GRP, 11/13 (2 sheets)	1/B02
10.	COVER GRP, STORAGE DIRECTOR (2 sheets)	1/B06
15.	FINAL ASM, READ/WRITE ASM AND CHANNEL LABLES	1/B10
20.	READ/WRITE ASM, DISKETTE	1/B12
25.	DISK DRIVE ASM, DISKETTE	1/B14
35.	FINAL ASM, 1,2,4 AND 8 CHANNEL (2 sheets)	1/B16
55.	SUB-ASM, MECHANICAL/POWER	1/C02
200.	CABLE ROUTING, MOD 11	2/B08
201.	CABLE ROUTING, MOD 13 DUAL FRAME	2/B10
220.	POWER SUPPLY ASM, 'A' (MOD 11/13)	2/C04
224.	AC ASM, MINI (MOD 11/13)	2/C06
230.	POWER SUPPLY ASM, 'B' (MOD 11/13)	2/C08
232.	HEATSINK ASM, RECTIFIER (MOD 11/13)	2/C10
240.	DC POWER SUPPLY ASM, 'C' (MOD 11/13)	2/C12
300.	COVER KIT, FRONT/REAR	2/C14
301.	COVER ASM, END (RIGHT)	2/C16
350.	CABLE ROUTING, STORAGE DIRECTOR (6 sheets)	2/D02
360.	CABLE TIE GRP, STORAGE DIRECTOR	2/D14
365.	CABLE ASM, COMPONENTS LIST (4 sheets)	2/D15
370.	CABLE COMPONENTS (2 sheets)	2/E02

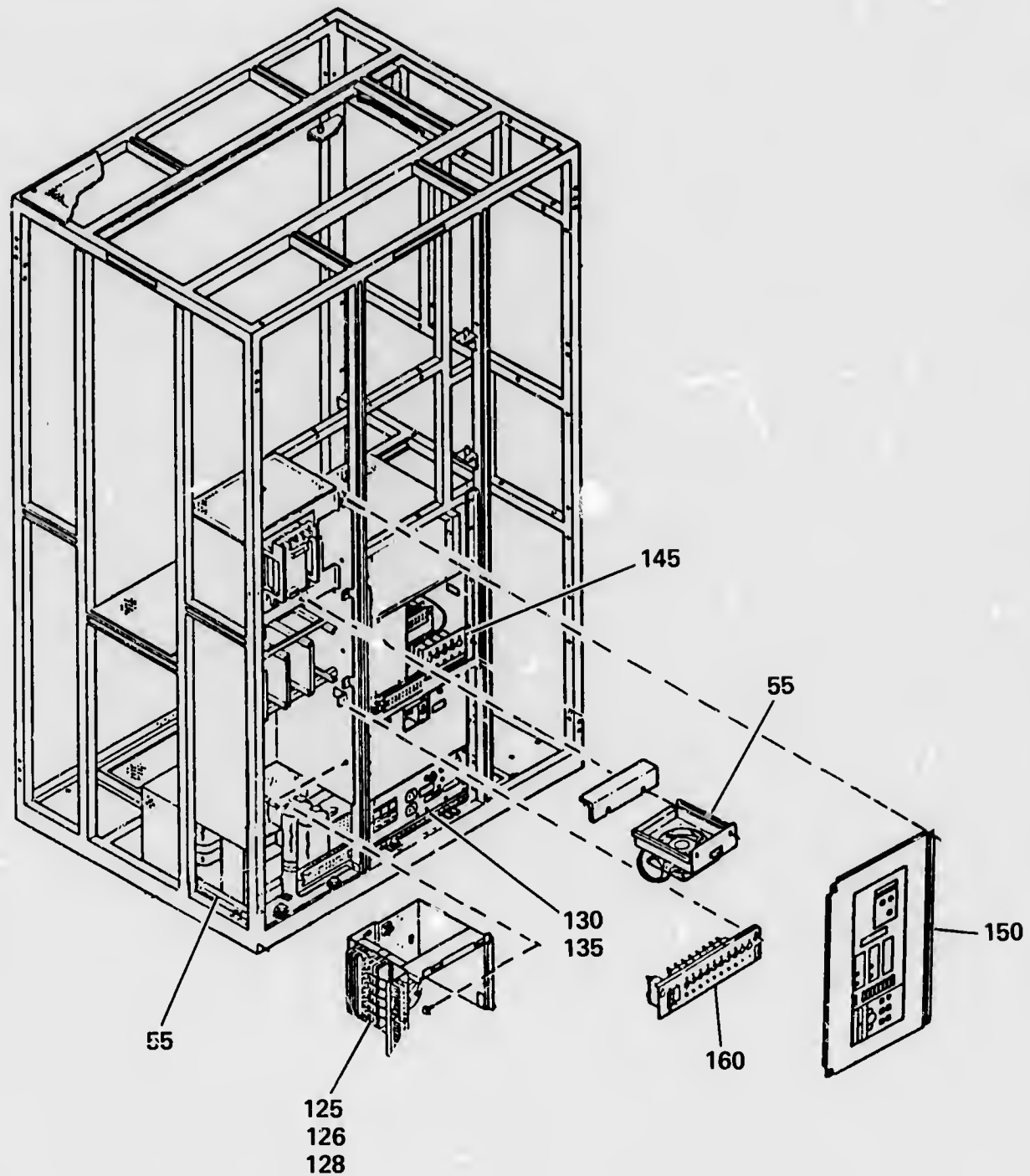
VISUAL INDEX 2. STORAGE DIRECTOR, REAR VIEW



ITEM	ASSEMBLY NAME	CD/FRM
------	---------------	--------

2.	LANGUAGE GRP, OPERATOR PANEL	1/A16
5.	MODEL COMPLETION GRP, 1,2,3 AND 4	1/A18
35.	FINAL ASM, 1,2,4 AND 8 CHANNEL (2 sheets)	1/B16
60.	MECHANICAL/POWER ASM, BASIC (2 sheets)	1/C04
65.	GATE ASM, LOGIC (1 CHANNEL) (3 sheets)	1/C08
70.	GATE ASM, LOGIC (2 CHANNEL) (3 sheets)	1/C14
75.	GATE ASM, LOGIC (4 CHANNEL) (4 sheets)	1/D02
80.	GATE ASM, LOGIC (8 CHANNEL) (4 sheets)	1/D10
90.	GATE ASM, LOGIC (BASIC) (2 sheets)	1/D18
100.	PANEL ASM, DC POWER SWITCH	1/E04
105.	COVER ASM, CARD	1/E06
114.	PANEL ASM, OPERATOR (1,2,4 CHANNEL)	1/E08
116.	PANEL ASM, OPERATOR (8 CHANNEL)	1/E10
120.	SWITCH ASM, UNIT EMERGENCY	1/E12
165.	PANEL ASM, CONNECTOR	2/B06
205.	GATE ASM, 'A' LOGIC (MOD 11/13) (2 sheets)	2/B12
210.	GATE ASM, 'B' LOGIC (4/8MB) (2 sheets)	2/B16
215.	GATE ASM, 'B' BASIC (22 POS) MOD 11/13	2/C02

VISUAL INDEX 3. STORAGE DIRECTOR, POWER VIEW

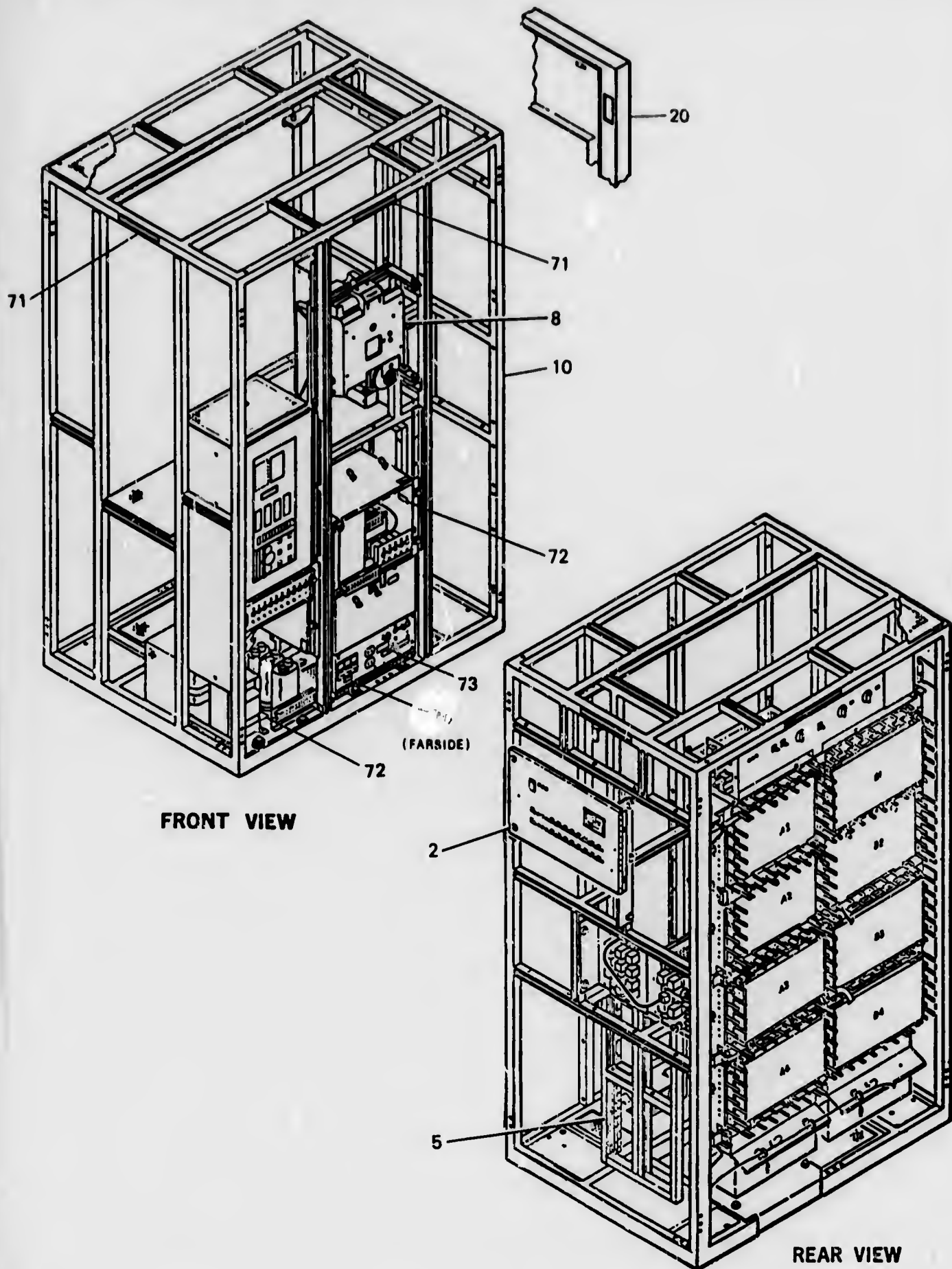


ITEM	ASSEMBLY NAME	CD/FRM
55.	SUB-ASM, MECHANICAL/POWER	1/C02
125.	POWER SUPPLY ASM, BULK (1,2 AND 4 CHANNEL)	.1/E14
126.	RECTIFIER ASM, BULK POWER SUPPLY	.1/E16
128.	POWER SUPPLY ASM, BULK (8 CHANNEL)	2/A04
130.	POWER ASM, PRIMARY (USA/JAPAN) (2 sheets)	2/A06
135.	POWER ASM, PRIM (50 HZ/NOT JAPAN) (4 sheets)	2/A10
145.	POWER SUPPLY ASM, PSM	2/A18
150.	COVER ASM, REGULATOR	2/B02
160.	PANEL ASM, CIRCUIT PROTECTOR	2/B04

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CATALOG SECTION

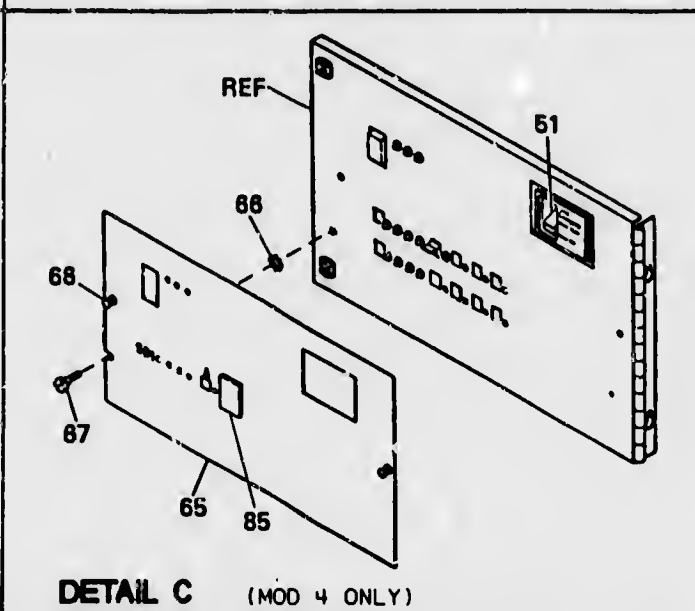
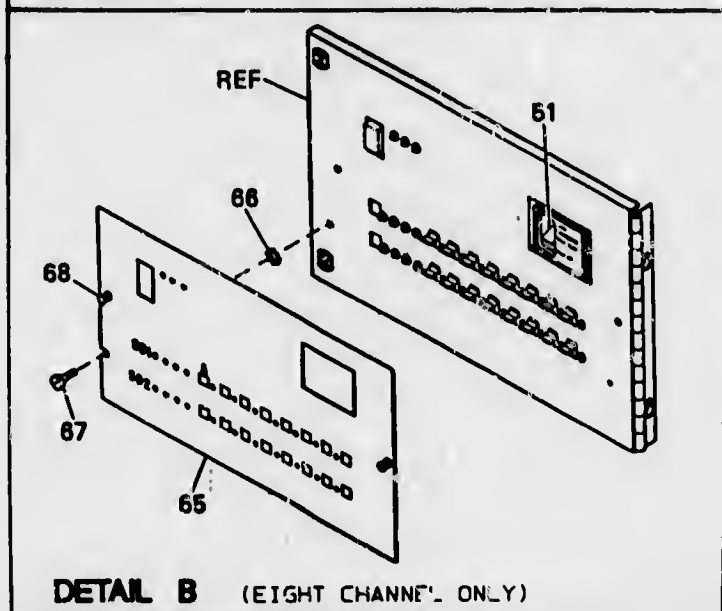
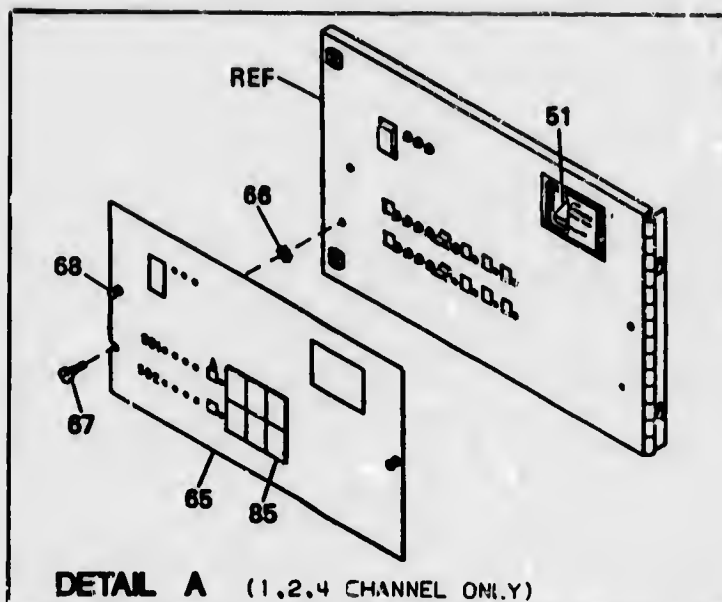
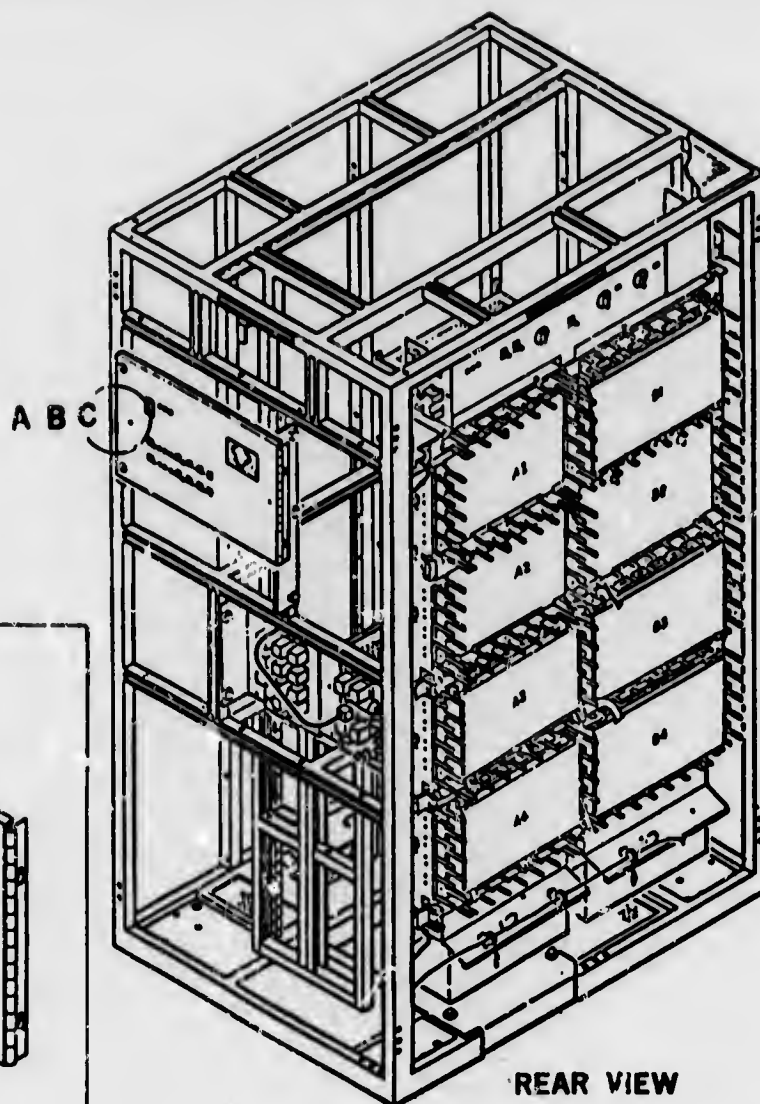
FIGURE 1/A14. STORAGE DIRECTOR, FEATURE VIEW



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
A14-	SELECT	REF	STORAGE DIRECTOR, FEATURE VIEW NO NEXT HIGHER ASM	
- 2	NP	REF	• LANGUAGE GRP, OPERATOR PANEL FOR DETAIL BREAKDOWN SEE FRAME 1/A16	
- 5	NP	REF	• COMPLETION GRP, MODEL 1, 2, 3 AND 4 FOR DETAIL BREAKDOWN SEE FRAME 1/A18	
- 5	NP	REF	• COMPLETION GRP, MODEL 11 AND 13 FOR DETAIL BREAKDOWN SEE FRAME 1/B02	
- 8	NP	REF	• FINAL ASM, READ/WRITE ASM AND CHANNEL LABEL VIEW FOR DETAIL BREAKDOWN SEE FRAME 1/B10	
- 10	NP	REF	• FINAL ASM, 1, 2, 4 AND 8 CHANNEL FOR DETAIL BREAKDOWN SEE FRAME 1/B16	
- 20	NP	REF	• COVER GRP, STORAGE DIRECTOR FOR DETAIL BREAKDOWN SEE FRAME 1/B06	
- 71	5236793	(4)	• LABEL, HAZARD (USA-ENGLISH)	
- 71	6815183	(4)	• LABEL, HAZARD (BRAZIL-PORTUGUESE)	
- 71	1743548	(4)	• LABEL, HAZARD (CANADIAN-FRENCH)	
- 71	8326722	(4)	• LABEL, HAZARD (FRENCH)	
- 71	8329450	(4)	• LABEL, HAZARD (FRENCH-DUTCH)	
- 71	8326801	(4)	• LABEL, HAZARD (FINNISH)	
- 71	4056733	(4)	• LABEL, HAZARD (GERMAN)	
- 71	6815181	(4)	• LABEL, HAZARD (ITALIAN)	
- 71	8326797	(4)	• LABEL, HAZARD (JAPANESE)	
- 71	2679448	(4)	• LABEL, HAZARD (KOREAN)	
- 71	4423212	(4)	• LABEL, HAZARD (NORWEGIAN)	
- 71	6815180	(4)	• LABEL, HAZARD (SPANISH)	
- 71	8551904	(4)	• LABEL, HAZARD (SWEDISH)	
- 72	2582954	(2)	• LABEL, DANGER 550V (USA-ENGLISH)	
- 72	5718488	(2)	• LABEL, DANGER 550V (BRAZIL-PORTUGUESE)	
- 72	6825712	(2)	• LABEL, DANGER 550V (CANADIAN-FRENCH)	
- 72	1731444	(2)	• LABEL, DANGER 550V (FRENCH)	
- 72	4420372	(2)	• LABEL, DANGER 550V (FRENCH-DUTCH)	
- 72	6825833	(2)	• LABEL, DANGER 550V (FINNISH)	
- 72	5718485	(2)	• LABEL, DANGER 550V (GERMAN)	
- 72	6825831	(2)	• LABEL, DANGER 550V (ITALIAN)	
- 72	6825839	(2)	• LABEL, DANGER 550V (JAPANESE)	
- 72	2679446	(2)	• LABEL, DANGER 550V (KOREAN)	
- 72	4420372	(2)	• LABEL, DANGER 550V (NORWEGIAN)	
- 72	6825830	(2)	• LABEL, DANGER 550V (SPANISH)	
- 72	8551902	(2)	• LABEL, DANGER 550V (SWEDISH)	
- 73	345762	(1)	• LABEL, THIS MACH IS WIRED FOR (USA-ENGLISH)	
- 73	6815196	(1)	• LABEL, THIS MACH IS WIRED FOR (BRAZIL-PORTUGUESE)	
- 73	7389310	(1)	• LABEL, THIS MACH IS WIRED FOR (CANADIAN-FRENCH)	
- 73	6815192	(1)	• LABEL, THIS MACH IS WIRED FOR (FRENCH)	
- 73	8329449	(1)	• LABEL, THIS MACH IS WIRED FOR (FRENCH-DUTCH)	
- 73	6825864	(1)	• LABEL, THIS MACH IS WIRED FOR (FINNISH)	
- 73	6815195	(1)	• LABEL, THIS MACH IS WIRED FOR (GERMAN)	
- 73	6815191	(1)	• LABEL, THIS MACH IS WIRED FOR (ITALIAN)	
- 73	6825867	(1)	• LABEL, THIS MACH IS WIRED FOR (JAPANESE)	
- 73	2679449	(1)	• LABEL, THIS MACH IS WIRED FOR (KOREAN)	
- 73	6843640	(1)	• LABEL, THIS MACH IS WIRED FOR (NORWEGIAN)	
- 73	6815190	(1)	• LABEL, THIS MACH IS WIRED FOR (SPANISH)	
- 73	8551907	(1)	• LABEL, THIS MACH IS WIRED FOR (SWEDISH)	
- 74	138755	(1)	• LABEL, LINE VOLTAGE PRESENT (USA-ENGLISH)	
- 74	6815188	(1)	• LABEL, LINE VOLTAGE PRESENT (BRAZIL-PORTUGUESE)	
- 74	984123	(1)	• LABEL, LINE VOLTAGE PRESENT (CANADIAN-FRENCH)	
- 74	6825828	(1)	• LABEL, LINE VOLTAGE PRESENT (FRENCH)	
- 74	8329452	(1)	• LABEL, LINE VOLTAGE PRESENT (FRENCH-DUTCH)	
- 74	6825818	(1)	• LABEL, LINE VOLTAGE PRESENT (FINNISH)	
- 74	6815194	(1)	• LABEL, LINE VOLTAGE PRESENT (GERMAN)	
- 74	6825820	(1)	• LABEL, LINE VOLTAGE PRESENT (ITALIAN)	
- 74	6825840	(1)	• LABEL, LINE VOLTAGE PRESENT (JAPANESE)	
- 74	2679450	(1)	• LABEL, LINE VOLTAGE PRESENT (KOREAN)	
- 74	4418722	(1)	• LABEL, LINE VOLTAGE PRESENT (NORWEGIAN)	
- 74	6815185	(1)	• LABEL, LINE VOLTAGE PRESENT (SPANISH)	
- 74	8551903	(1)	• LABEL, LINE VOLTAGE PRESENT (SWEDISH)	

END OF ASSEMBLY (EC 462878) 4801891 REF

FIGURE 1/A16. LANGUAGE GRP. OPERATOR PANEL



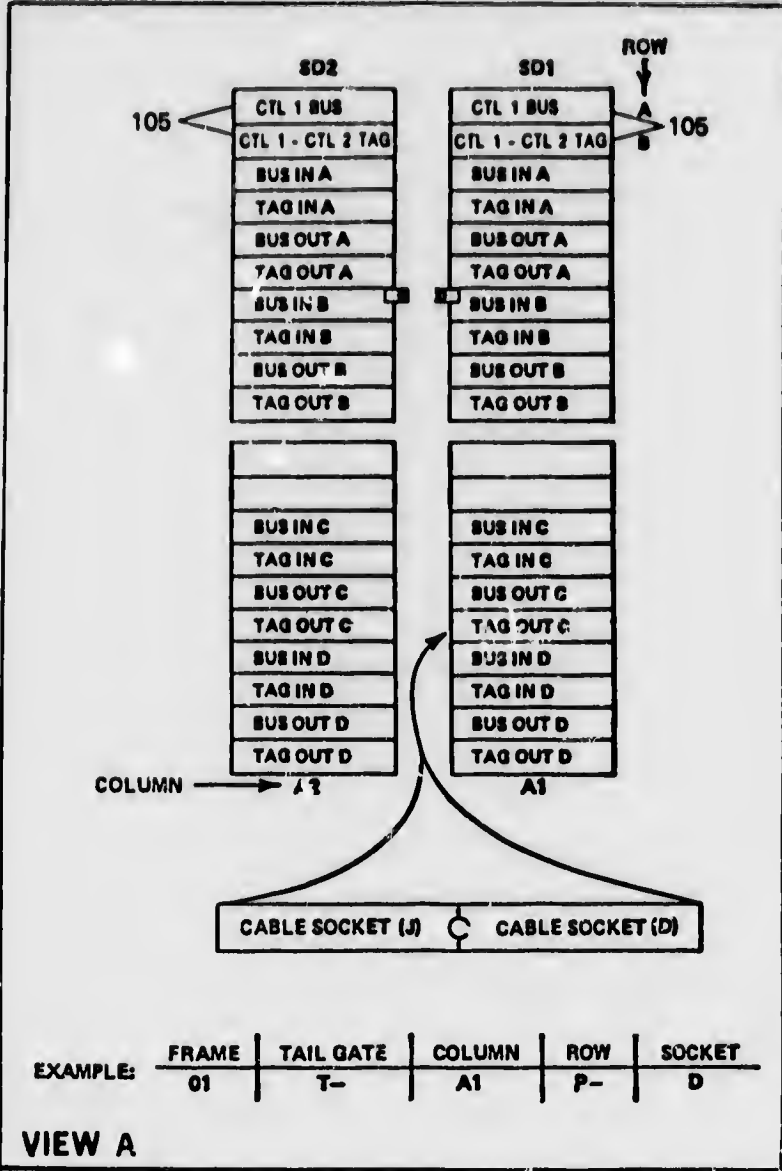
LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE A USED ON 1, 2 AND 4 CHANNEL
NOTE B USED ON 8 CHANNEL
NOTE C USED ON 1, 2 CHANNEL (MODEL 4)

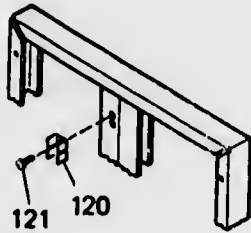
A16-	SELECT	REF	LANGUAGE GRP, OPERATOR PANEL FOR NEXT HIGHER ASM SEE FRAME 1/A14	
- 51	4521304	(1)	• SWITCH ASM, EMERGENCY (ENGLISH)	
- 51	4797002	(1)	• SWITCH ASM, EMERGENCY (GERMAN)	
- 51	4797008	(1)	• SWITCH ASM, EMERGENCY (JAPANESE)	
- 51	4797004	(1)	• SWITCH ASM, EMERGENCY (SPANISH)	
- 51	4797006	(1)	• SWITCH ASM, EMERGENCY (ITALIAN)	
- 51	4797372	(1)	• SWITCH ASM, EMERGENCY (CAN/FR - FRENCH)	
- 51	4797378	(1)	• SWITCH ASM, EMERGENCY (DUTCH)	
- 51	4797375	(1)	• SWITCH ASM, EMERGENCY (FINNISH)	
- 51	4797369	(1)	• SWITCH ASM, EMERGENCY (BRAZIL/PORTUGUESE) FOR DETAIL BREAKDOWN SEE FRAME 1/E12	
- 65	4797632	(1)	• PANEL, CONFIG/1, 2, 4 CHANNEL (ENGLISH)	A
- 65	4797075	(1)	• PANEL, CONFIG/1, 2, 4 CHANNEL (GERMAN)	A
- 65	4797632	(1)	• PANEL, CONFIG/1, 2, 4 CHANNEL (JAPANESE)	A
- 65	4797077	(1)	• PANEL, CONFIG/1, 2, 4 CHANNEL (SPANISH)	A
- 65	4797076	(1)	• PANEL, CONFIG/1, 2, 4 CHANNEL (ITALIAN)	A
- 65	4797074	(1)	• PANEL, CONFIG/1, 2, 4 CHANNEL (CAN/FR - FRENCH)	A
- 65	4797632	(1)	• PANEL, CONFIG/1, 2, 4 CHANNEL (DUTCH)	A
- 65	4797632	(1)	• PANEL, CONFIG/1, 2, 4 CHANNEL (FINNISH)	A
- 65	4797632	(1)	• PANEL, CONFIG/1, 2, 4 CHANNEL (BRAZIL/PORTUGUESE) SEE DETAIL A	A
- 65	4797080	(1)	• PANEL, CONFIG/8 CHANNEL (ENGLISH)	B
- 65	4797082	(1)	• PANEL, CONFIG/8 CHANNEL (GERMAN)	B
- 65	4797080	(1)	• PANEL, CONFIG/8 CHANNEL (JAPANESE)	B
- 65	4797084	(1)	• PANEL, CONFIG/8 CHANNEL (SPANISH)	B
- 65	4797083	(1)	• PANEL, CONFIG/8 CHANNEL (ITALIAN)	B
- 65	4797081	(1)	• PANEL, CONFIG/8 CHANNEL (CAN/FR - FRENCH)	B
- 65	4797080	(1)	• PANEL, CONFIG/8 CHANNEL (DUTCH)	B
- 65	4797080	(1)	• PANEL, CONFIG/8 CHANNEL (FINNISH)	B
- 65	4797080	(1)	• PANEL, CONFIG/8 CHANNEL (BRAZIL/PORTUGUESE) SEE DETAIL B	B
- 65	8499101	(1)	• PANEL, CONFIG/1, 2 CHNL/MOD 4 (ENGLISH)	C
- 65	8499107	(1)	• PANEL, CONFIG/1, 2 CHNL/MOD 4 (GERMAN)	C
- 65	8499101	(1)	• PANEL, CONFIG/1, 2 CHNL/MOD 4 (JAPANESE)	C
- 65	8499111	(1)	• PANEL, CONFIG/1, 2 CHNL/MOD 4 (SPANISH)	C
- 65	8499109	(1)	• PANEL, CONFIG/1, 2 CHNL/MOD 4 (ITALIAN)	C
- 65	8499105	(1)	• PANEL, CONFIG/1, 2 CHNL/MOD 4 (CAN/FR - FRENCH)	C
- 65	8499101	(1)	• PANEL, CONFIG/1, 2 CHNL/MOD 4 (DUTCH)	C
- 65	8499101	(1)	• PANEL, CONFIG/1, 2 CHNL/MOD 4 (FINNISH)	C
- 65	8499101	(1)	• PANEL, CONFIG/1, 2 CHNL/MOD 4 (BRAZIL/PORTUGUESE) SEE DETAIL C	C
- 66	1622344	(1)	• LOCKWASHER, METRIC-EXT TOOTH 3.2 ID X 6 OD LOCATE BETWEEN CONFIG PNL AND OP PNL	
- 67	1621172	(1)	• SCREW, METRIC-SLOT PAN HD M3 X 10MM LONG	
- 68	4797271	(2)	• LATCH, PANEL	
- 85	2342712	(6)	• PLUG, BLANK (ENABLE/DISABLE SW) ONE CHNL	A
- 85	2342712	(4)	• PLUG, BLANK (ENABLE/DISABLE SW) TWO CHNL SEE DETAIL A	A
- 85	2342712	(1)	• PLUG, BLANK (ENABLE/DISABLE SW) ONE CHNL SEE DETAIL C	C

END OF ASSEMBLY (EC 462878) 4801891 REF

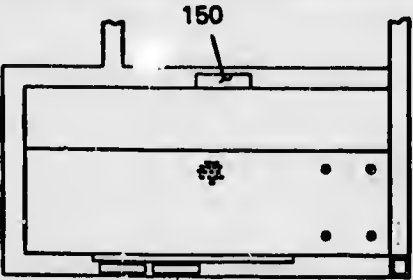
FIGURE 1/A18. MODEL COMPLETION GRP. 1, 2, 3 AND 4



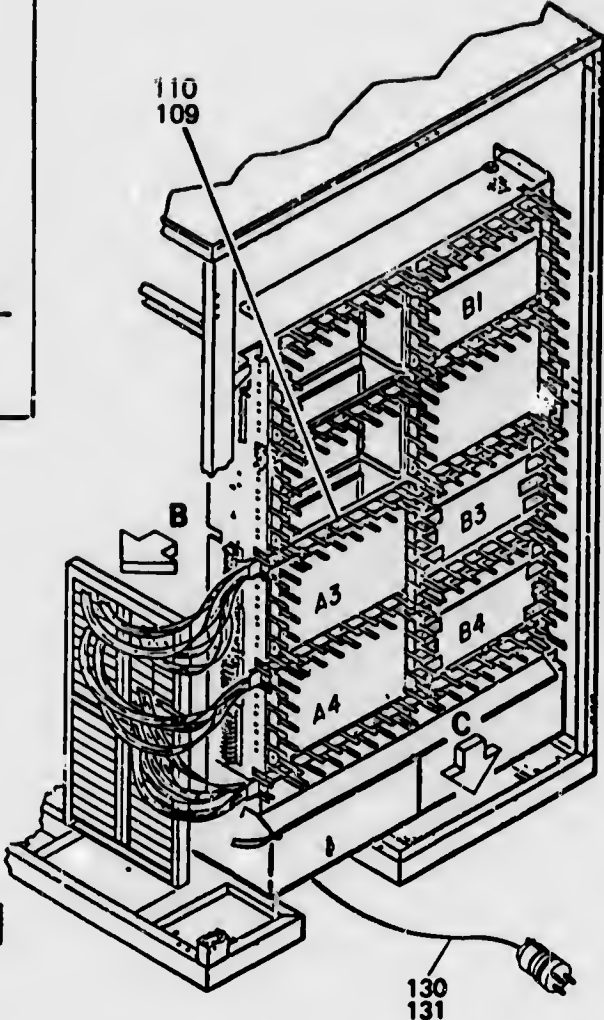
VIEW A



VIEW B



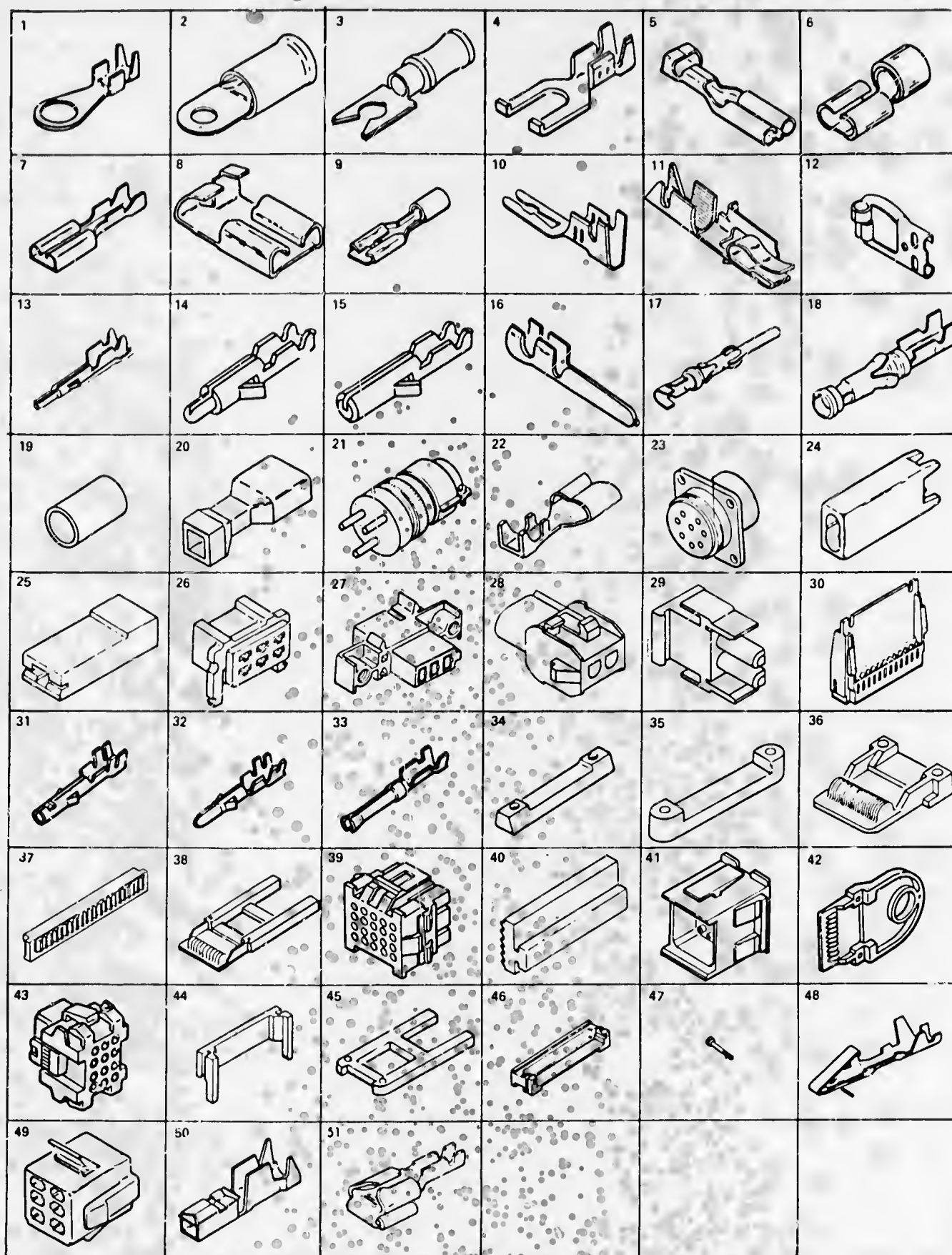
VIEW C



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
A18-	SELECT	REF	MODEL COMPLETION GRP, 1, 2, 3 AND 4 FOR NEXT HIGHER ASM SEE FRAME 1/A14	
-105	2746748	(4)	• CONNECTOR ASM MOD 1, 11 B01T-A1A B01T-A1B B01T-A2A B01T-A2B	
-105	2746748	(2)	• CONNECTOR ASM MOD 2, 4 B01T-A1A B01T-A1B	
-105	4796905	(1)	• CONNECTOR ASM MOD 2 B01T-A2B	
-105	4796905	(2)	• CONNECTOR ASM MOD 3, 13 B01T-A1B B01T-A2B	
-109	811427	(12)	• STRAP	
-110	4797490	(8)	• CABLE ASM, GATE TO I/O. MOD 1, 11 CONN A01B-B4X2W/CONN B01T-A1AD CONN A01B-B4X2X/CONN B01T-A1AJ CONN A01B-B4X2Y/CONN B01T-A1BD CONN A01B-B4X2Z/CONN B01T-A1BJ CONN A01B-B3X2W/CONN B01T-A2AD CONN A01B-B3X2X/CONN B01T-A2AJ CONN A01B-B3X2Y/CONN B01T-A2BD CONN A01B-B3X2Z/CONN B01T-A2BJ	
-110	4797490	(6)	• CABLE ASM, GATE TO I/O. MOD 2 CONN A01B-B4X2W/CONN B01T-A1AD CONN A01B-B4X2X/CONN B01T-A1AJ CONN A01B-B4X2Y/CONN B01T-A1BD CONN A01B-B4X2Z/CONN B01T-A1BJ CONN A01B-B3X2Y/CONN B01T-A2BD CONN A01B-B3X2Z/CONN B01T-A2BJ	
-110	4797490	(4)	• CABLE ASM, GATE TO I/O. MOD 3, 13 CONN A01B-B4X2Y/CONN B01T-A1BD CONN A01B-B4X2Z/CONN B01T-A1BJ CONN A01B-B3X2Y/CONN B01T-A2BD CONN A01B-B3X2Z/CONN B01T-A2BJ	
-110	4797490	(4)	• CABLE ASM, GATE TO I/O. MOD 4 CONN A01B-B4X2W/CONN B01T-A1AD CONN A01B-B4X2X/CONN B01T-A1AJ CONN A01B-B4X2Y/CONN B01T-A1BD CONN A01B-B4X2Z/CONN B01T-A1BJ	
-120	838164	(1)	• TERMINAL	
-121	1621844	(2)	• SCREW, METRIC-THD FORM SLOT PAN HD M3 X 6MM LG	
-130	4518182	(1)	• CABLE ASM, USA 6 FT/60HZ (CHICAGO ONLY)	
-130	4518234	(1)	• CABLE ASM, 14 FT/60HZ (CANADA/USA, WTC 50/60HZ JAPAN)	
-130	4518179	(1)	• CABLE ASM, WTC 50HZ (EXCEPT JAPAN)	
-130	4518180	(1)	• CABLE ASM, WTC (60HZ AFE)	
-131	32042	REF	• SCREW, MACH-BIND HD 10-32 X .375 LONG	
-150	2342710	REF	PWR PLATE (EMEA 50 HZ) MOD 1, 2, 3	
-150	2342711	REF	PWR PLATE (JAPAN 50 HZ) MOD 1, 2, 3	
-150	4801795	REF	PWR PLATE (CANADA/USA 60HZ) MOD 1, 2, 3	
-150	4797010	REF	PWR PLATE (AFE 60HZ) MOD 1, 2, 3	
-150	4797011	REF	PWR PLATE (AFE 50HZ) MOD 1, 2, 3	
-150	8499127	REF	PWR PLATE (CANADA/USA 60HZ) MOD 4	
-150	2288825	REF	LABEL (CSA/UL)	
-150	8499128	REF	PWR PLATE (EMEA 50HZ) MOD 4	
-150	8499129	REF	PWR PLATE (JAPAN 50HZ) MOD 4	
-150	8499130	REF	PWR PLATE (AFE 60HZ) MOD 4	
-150	8499131	REF	PWR PLATE (AFE 50HZ) MOD 4	

END OF ASSEMBLY (EC 462878) 4801991 REF

FIGURE 2/E02. CABLE COMPONENTS (SHT 1 OF 2)

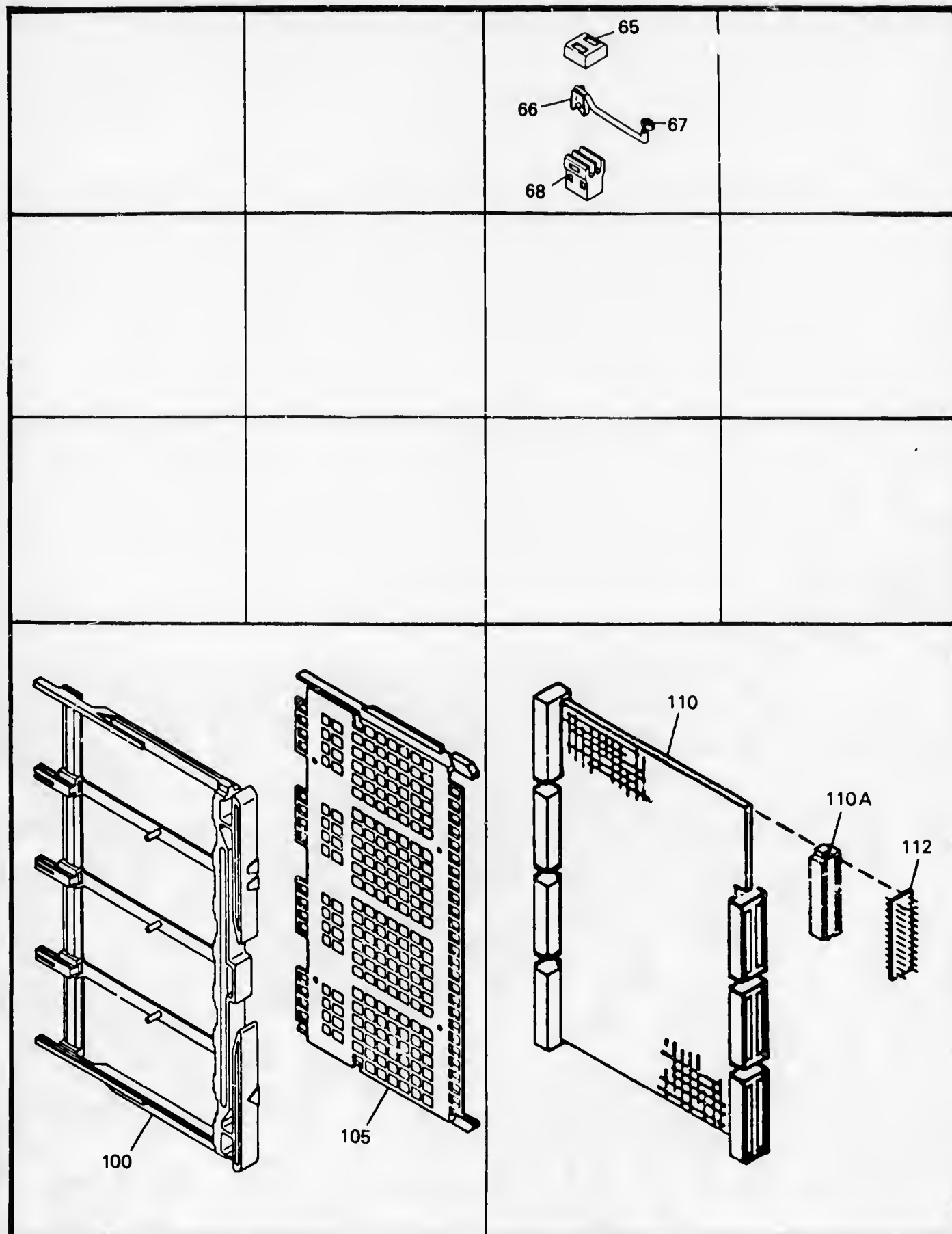


LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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E02-	SELECT	REF	CABLE COMPONENTS SHT 1 OF 2 FOR NEXT HIGHER ASM SEE FRAME 2/D15
- 1	483689		• TERMINAL, RING 14-16 AWG #.250 MTG HOLE
- 1A	483677		• TERMINAL, RING 18-20 AWG #6 MTG HOLE
- 1B	483678		• TERMINAL, RING 14-16 AWG #6 MTG HOLE
- 1C	483680		• TERMINAL, RING 22-26 AWG #8 MTG HOLE (BRASS)
- 1D	483681		• TERMINAL, RING 18-20 AWG #8 MTG HOLE (BRASS)
- 1E	483682		• TERMINAL, RING 14-16 AWG #8 MTG HOLE (BRASS)
- 1F	483683		• TERMINAL, RING 10-12 AWG #8 MTG HOLE (BRASS)
- 1G	483684		• TERMINAL, RING 22-26 AWG #10 MTG HOLE (BRASS)
- 1H	483685		• TERMINAL, RING 18-20 AWG #10 MTG HOLE (BRASS)
- 1J	483686		• TERMINAL, RING 14-16 AWG #10 MTG HOLE (BRASS)
- 1K	483687		• TERMINAL, RING 10-12 AWG #10 MTG HOLE (BRASS)
- 1L	483688		• TERMINAL, RING 18-20 AWG #.250 MTG HOLE (BRASS)
- 1M	483676		• TERMINAL, RING 22-26 AWG #6 MTG HOLE (BRASS)
- 1N	483679		• TERMINAL, RING 10-12 AWG #6 MTG HOLE
- 1P	483690		• TERMINAL, RING 10-12 AWG #.250 MTG HOLE
- 2	335970		• TERMINAL, RING INS 8 AWG #1/4 MTG HOLE
- 2A	335327		• TERMINAL, RING INS 8-10 AWG #7/32 MTG HOLE
- 2B	360370		• TERMINAL, RING INS 14-16 AWG .171 MTG HOLE
- 3	2744887		• TERMINAL, SPADE 12-10 AWG #6 MTG SLOT
- 3A	2744888		• TERMINAL, SPADE 12-10 AWG #8 MTG SLOT
- 3B	2744889		• TERMINAL, SPADE 12-10 AWG #10 MTG SLOT
- 3C	2744884		• TERMINAL, SPADE 16-14 AWG #6 MTG SLOT
- 3D	2744885		• TERMINAL, SPADE 16-14 AWG #8 MTG SLOT
- 3E	2744886		• TERMINAL, SPADE 16-14 AWG #10 MTG SLOT
- 3F	2744881		• TERMINAL, SPADE 22-18 AWG #6 MTG SLOT
- 3G	2744882		• TERMINAL, SPADE 22-18 AWG #8 MTG SLOT
- 3H	2744883		• TERMINAL, SPADE 22-18 AWG #10 MTG SLOT
- 4	483652		• TERMINAL, SPADE 14-16 AWG #8 MTG SLOT
- 4A	483664		• TERMINAL, SPADE 14-16 AWG #6 MTG SLOT
- 5	5353852		• TERMINAL, Q/DISCO 16-20 AWG
- 5A	2123393		• TERMINAL, Q/DISCO 16-20 AWG (FOR 0.187 X 0.02 TAB)
- 5B	5412317		• TERMINAL, Q/DISCO 20-24 AWG
- 5C	5351177		• TERMINAL, RECEPTACLE 18-22 AWG
- 6	2229543		• TERMINAL, Q/DISCO BLUE INS 14-16 AWG (FOR.250X.032 TAB)
- 7	430799		• TERMINAL, Q/DISCO 18-24 AWG 0.13 MAX WIRE INS DIA (DIMPLED)
- 7A	1127037		• TERMINAL, Q/DISCO 14-18 AWG 0.17 MAX WIRE INS DIA (DIMPLED)
- 7B	2277887		• TERMINAL, Q/DISCO 20-22 AWG BRASS (DIMPLED)
- 7C	2502307		• TERMINAL, Q/DISCO 14-10 AWG .275 MAX WIRE INS DIA (DIMPLED)
- 7D	5232267		• TERMINAL, Q/DISCO 14-18 AWG 0.16 MAX WIRE INS (TANGED))
- 7E	236916		• TERMINAL, Q/DISCO 22-24 AWG (DIMPLED)
- 7F	4511903		• TERMINAL, Q/DISCO 20-24 AWG (FITS .031 X .062 TAB)
- 8	824497		• TERMINAL, SLIP-ON FLAG 12-10 AWG
- 9	2158688		• TERMINAL, Q/DISCO INS 20-18 AWG WITHDRAWAL FORCE 16 OZ
- 9A	2600631		• TERMINAL, SLIP-ON 16 AWG
- 10	813195		• TERMINAL, TUNING FORK 22-26 AWG
- 11	5486851		• TERMINAL, LARGE SERPENT 22-26 AWG INS RANGE 0.026-0.075
- 12	517913		• TERMINAL, SLIP-ON 18-16 AWG BRASS
- 13	2451131		• TERMINAL, UNIVERSAL 16-18 AWG (BRASS)
- 14	1847520		• TERMINAL, 20-14 AWG .790 LG
- 15	1847521		• TERMINAL, 20-14 AWG .760 LG
- 15A	1847523		• TERMINAL, 20-14 AWG .780 LG
- 16	483657		• TERMINAL, TAPER 22-26 AWG .060 OD
- 16A	483657		• TERMINAL, TAPER 14-16 AWG .060 OD
- 17	2122258		• TERMINAL, CONTACT PIN MALE 20-22 AWG
- 18	2122259		• TERMINAL, CONTACT SOCKET 20-22 AWG
- 18A	2337405		• TERMINAL, CONTACT SOCKET 14 AWG
- 18B	2122261		• TERMINAL, CONTACT SOCKET 18-16 AWG
- 19	602603		• TERMINATOR, OUTER 0.110 X 0.75LG
- 19A	2122011		• SPLICE, .085 ID X .236 OD X .312 LG (COPPER)
- 20	2336568		• TERMINAL, INSULATED 250 SERIES 22-18 AWG
- 20A	2336569		• TERMINAL, INSULATED 250 SERIES 16-14 AWG
- 20B	2336570		• TERMINAL, INSULATED 187 SERIES 22-18 AWG

END OF SHEET 1 OF 2

FIGURE 2/E04. CABLE COMPONENTS (SHT 2 OF 2)



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
E04-	SELECT	REF	CABLE COMPONENTS SHT 2 OF 2 FOR NEXT HIGHER ASM SEE FRAME 2/D15	
- 21	825607		• PLUG, MALE 3 WIRE 4 POLE 15 AMPS	
- 22	4511903		• TERMINAL, FITS .031 X .062 TAB 24-20 AWG	
- 23	5578491		• RECEPTACLE, FEMALE 28 POS. 20.32 MM LG EXT THREAD	
- 24	813197		• HOUSING, TERMINAL	
- 25	5761882		• HOUSING, STRAIGHT RECEPTACLE (COLOR NATURAL)	
- 26	523269		• HOUSING, RECEPTACLE 6 CIRCUIT	
- 27	5353851		• HOUSING, CONNECTOR 3 POS. 0.935 LONG	
- 28	1847531		• HOUSING, UNIVERSAL 6 POS.	
- 28A	1847527		• HOUSING, UNIVERSAL 3 POS.	
- 28B	1847525		• HOUSING, UNIVERSAL 2 POS.	
- 29	1847526		• PLUG, UNIVERSAL 3 POS.	
- 29A	1847526		• PLUG, UNIVERSAL 9 POS.	
- 29B	1847524		• PLUG, UNIVERSAL 2 POS.	
- 29C	1847530		• PLUG, UNIVERSAL 6 POS.	
- 30	5447741		• HOUSING, SINGLE HI SERPENT 24 PIN POS.	
- 31	1475501		• RECEPTACLE, PIN 18-26 AWG	
- 31A	1847521		• RECEPTACLE, PIN 20-14 AWG	
- 32	1475504		• PIN, 20-22 AWG	
- 33	1655337		• SOCKET, CONTACT 20-24 AWG GOLD PLATE	
- 34	2180973		• STRAIN RELIEF, 0.094 X 1.09 CLAMPING AREA	
- 35	5353922		• STRAIN RELIEF, 0.095 X 1.10 CLAMPING AREA	
- 36	5466397		• STRAIN RELIEF, 1.135 LG (WHITE)	
- 37	817972		• STRAIN RELIEF, CABLE SUPPORT	
- 38	2744811		• STRAIN RELIEF, SERPENT 3 HI	
- 39	4299725		• HOUSING, SOCKET/POSITIVE LOCK (15 POS)	
- 39A	4796750		• HOUSING, SOCKET/POSITIVE LOCK (12 POS)	
- 39B	4796751		• HOUSING, SOCKET/POSITIVE LOCK (20 POS)	
- 39C	4796752		• HOUSING, SOCKET/POSITIVE LOCK (24 POS)	
- 39D	4796749		• HOUSING, SOCKET/POSITIVE LOCK (6 POS)	
- 40	5466393		• STRAIN RELIEF, 0.38 X 1.12	
- 41	4797659		• HOUSING, PLUG/POSITIVE LOCK (15 POS)	
- 41A	4796866		• HOUSING, PLUG/POSITIVE LOCK (20 POS)	
- 42	4797423		• STRAIN RELIEF	
- 42A	4427088		• STRAIN RELIEF (COLOR-LEXAN GREEN)	
- 43	6809691		• CONNECTOR, 12 POS FEMALE	
- 43A	2335821		• CONNECTOR, 18 POS FEMALE (BRICK RED)	
- 43B	2335825		• CONNECTOR, 36 POS MALE (BRICK RED)	
- 43C	2335826		• CONNECTOR, 36 POS FEMALE (BRICK RED)	
- 44	811802		• GUIDE, CARD 5 PAC	
- 45	2744814		• STRAIN RELIEF 3 HI	
- 45A	2744813		• STRAIN RELIEF 3 HI	
- 46	1809784		• STRAIN RELIEF	
- 47	109918		• SCREW, FLAT HD SELF-TAP 4-40 X 0.50	
- 48	2145170		• TERMINAL, Q/DISCO 16-18 AWG BRASS	
- 49	609686		• PLUG, 6 CIRCUIT	
- 50	815933		• TERMINAL, DISCRETE WIRE 20-18 AWG BRASS W/GOLD	
- 50A	815934		• TERMINAL, DISCRETE WIRE 22-26 AWG BRASS W/GOLD	
- 51	5312429		• TERMINAL, 14-18 AWG SLIP-ON BRASS	
- 65	813802		• CAP, 4 PIN (COLOR NATURAL)	
- 66	813681		• CONTACT, MINIATURE BUS	
- 67	813827		• CONNECTOR, BUS	
- 68	813801		• HOUSING, 4 PIN (GREEN)	
-100	2633953		• GUIDE, CARD 1-WIDE 3-HIGH 4X	
-100	2633954		• GUIDE, CARD 2-WIDE 3-HIGH 4X	
-100	2732788		• GUIDE, CARD 4-WIDE 2-HIGH 4X	
-100	2633955		• GUIDE, CARD 4-WIDE 3-HIGH 4X (W/O TCCS)	
-105	8240000		• GUIDE, CARD 4-WIDE 3-HIGH 4X (WITH TCCS)	
-110	P/N		• CARD ASM, LOGIC	
-110A	1809813		• SHROUD, CARD	
-112	5997533		• INTERPOSER CARD TO CABLE	

END OF LIST

NUMERICAL INDEX SECTION

NUMERICAL INDEX

PART NUMBER	CARD/ FRM-ITEM	PART NUMBER	CARD/ FRM-ITEM	PART NUMBER	CARD/ FRM-ITEM	PART NUMBER	CARD/ FRM-ITEM
3960	2/C04 - 17	124828	2/C04 - 13	438570	1/B12 - 20D		1/C16 - 81
6364	1/B12 - 20E	138755	1/A14 - 74	473442	2/C08 - 19		1/D06 - 95
	1/C06 - 106		2/A06 - 31	483652	2/E02 - 4		1/D12 - 58
6935	2/C04 - 16		2/A10 - 31	483657	2/E02 - 16		2/B08 - 11
10170	1/C06 - 106	170176	1/C06 - 138		2/E02 - 16A		2/B10 - 3
	2/A06 - 7	170215	1/B14 - 2B	483664	2/E02 - 4A		2/B18 - 31
	2/A06 - 44	186759	2/C04 - 7	483676	2/E02 - 1M		2/B18 - 31
	2/A06 - 47	186945	2/A14 - 125	483677	2/E02 - 1A	811802	2/E04 - 44
	2/A10 - 44	187466	2/A08 - 166	483678	2/E02 - 1B	811804	1/B14 - 6
	2/A10 - 47		2/A14 - 96	483679	2/E02 - 1N	813179	1/C08 - 10
	2/A10 - 49	191479	2/A06 - 6	483680	2/E02 - 1C		1/C14 - 10
	2/C04 - 12	210987	2/A08 - 205	483681	2/E02 - 1D		1/D02 - 10
	2/C06 - 22		2/A18 - 5	483682	2/E02 - 1E		1/D10 - 12
	2/C08 - 7	219743	1/B16 - 6	483683	2/E02 - 1F		2/B14 - 75
	2/C08 - 11	220546	1/C04 - 8	483684	2/E02 - 1G	813195	2/E02 - 10
	2/C08 - 13	234341	1/B14 - 22	483685	2/E02 - 1H	813197	2/E04 - 24
	2/C08 - 24	236916	2/E02 - 7E	483686	2/E02 - 1J	813519	1/C10 - 70
21419	1/E06 - 5	237245	1/B02 - 12	483687	2/E02 - 1K		1/C16 - 80
	1/E06 - 23	237327	2/A06 - 15	483688	2/E02 - 1L		1/D06 - 94
22066	1/C08 - 32		2/A10 - 15	483689	2/E02 - 1		1/D12 - 59
	1/C08 - 32	257187	1/B12 - 20E	483690	2/E02 - 1P		1/D18 - 8
	1/C14 - 32		1/B16 - 22	501565	1/E14 - 22		2/B08 - 13
	1/C14 - 32		1/B16 - 27		2/A04 - 28		2/B18 - 32
	1/D02 - 30		2/D10 - 92		2/A04 - 37		2/B18 - 32
	1/D10 - 10	257970	1/B14 - 20		2/A18 - 46	813681	2/E04 - 66
32042	1/A18 - 131	257986	2/C06 - 26		2/A18 - 50	813801	2/E04 - 68
	2/A06 - 87	265059	1/D18 - 4	504870	2/C08 - 2	813802	2/E04 - 65
32617	2/C10 - 5		2/C02 - 71	510638	1/D12 - 90	813827	2/E04 - 67
35229	2/C02 - 7	302090	1/E04 - 24		1/D18 - 46	815174	1/C16 - 54
	2/C02 - 10		1/E08 - 3		2/B12 - 56	815175	2/B10 - 7
35739	2/A10 - 35		1/E10 - 3	516919	2/A06 - 42	815214	1/D12 - 65
	2/A12 - 79	302131	1/E04 - 23		2/A10 - 39		1/D18 - 55
38235	2/A06 - 34		1/E08 - 2		2/A10 - 42	815225	1/D12 - 67
	2/A06 - 59		1/E10 - 2	517913	2/E02 - 12		1/D18 - 57
	2/A08 - 172	317145	2/A14 - 111	523269	2/E04 - 26	815226	1/D18 - 58
	2/A14 - 99	317485	2/A08 - 186	526378	2/A18 - 23	815933	2/E04 - 50
	2/C12 - 5	319140	2/C06 - 12	527916	2/A08 - 185	815934	2/E04 - 50A
38686	2/C04 - 3	320465	2/A18 - 19	532333	2/C10 - 14	817905	1/D06 - 87
55726	2/A06 - 49	322065	2/C08 - 3	533782	1/C08 - 25		1/D12 - 80
	2/A08 - 125		2/A08 - 193		1/C14 - 25	817972	2/E04 - 37
	2/A16 - 180		2/A16 - 207		1/D02 - 43	819411	1/D06 - 180
	2/A18 - 6	322550	2/C12 - 6		1/D10 - 35		1/D06 - 181
	2/A18 - 80	322767	2/A18 - 61		1/D18 - 66		1/D14 - 183
	2/B04 - 6	323842	2/A08 - 163		1/E02 - 185	819431	1/D02 - 36
	2/B04 - 11		2/A14 - 93		2/B14 - 78	819535	1/E06 - 2
	2/B04 - 16	323843	2/A04 - 15		2/B16 - 3		1/E06 - 20
	2/B04 - 21	332628	2/C08 - 14		2/B18 - 33	819556	1/E06 - 22
	2/B04 - 26	335327	2/E02 - 2A	589814	2/A08 - 162	819557	1/E06 - 4
	2/B04 - 31	335970	2/E02 - 2		2/A14 - 92	819558	1/E06 - 21
	2/C04 - 10	342250	2/A06 - 16	596458	1/D18 - 49	819559	1/E06 - 3
	2/C06 - 3		2/A10 - 16		2/C02 - 48	819789	2/B16 - 13
	2/C06 - 6	345762	1/A14 - 73	602603	2/E02 - 19		2/B16 - 13
	2/C06 - 11	356742	2/C06 - 21	602803	2/A06 - 45	824497	2/E02 - 8
	2/C06 - 23	357995	2/A06 - 33		2/A10 - 45	825607	2/E04 - 21
	2/C06 - 24		2/A06 - 57		2/A18 - 81	838164	1/A18 - 120
	2/C06 - 25	359018	2/A06 - 58	609686	2/E04 - 49		2/B06 - 10
	2/C08 - 17		2/A12 - 77	631769	1/E14 - 20	845762	2/A06 - 30
	2/C12 - 11	360339	2/A14 - 110		2/A04 - 26		2/A10 - 30
	2/C12 - 13	360370	2/E02 - 2B		2/A18 - 48		2/C04 - 14
	2/C12 - 18	362206	2/A08 - 140	631865	1/B12 - 20B	949911	1/B16 - 50
56079	2/C10 - 13		2/A16 - 197	767003	1/C06 - 147B		1/C06 - 155
56722	1/B14 - 18		2/A18 - 53	808360	1/C04 - 7		1/C06 - 155
	2/C04 - 18	363001	2/C04 - 8	808361	1/B12 - 7		2/B10 - 11
	2/C06 - 24	363434	2/A18 - 60	808362	1/B12 - 6	949924	2/A04 - 50
	2/C06 - 27	367115	2/A08 - 165	811417	1/C08 - 11		2/D15 - REF
	2/C06 - 28		2/A14 - 95		1/C08 - 17	949925	1/E04 - 1
76574	2/C04 - 4		2/A14 - 116		1/C14 - 11	949926	1/D18 - 77
81693	1/B14 - 1B		2/A18 - 64		1/C14 - 17		1/E04 - REF
	2/C02 - 53	418835	2/A10 - 33		1/D02 - 11	949929	1/E04 - 31
81898	1/D12 - 91		2/A12 - 76		1/D02 - 17		2/D15 - REF
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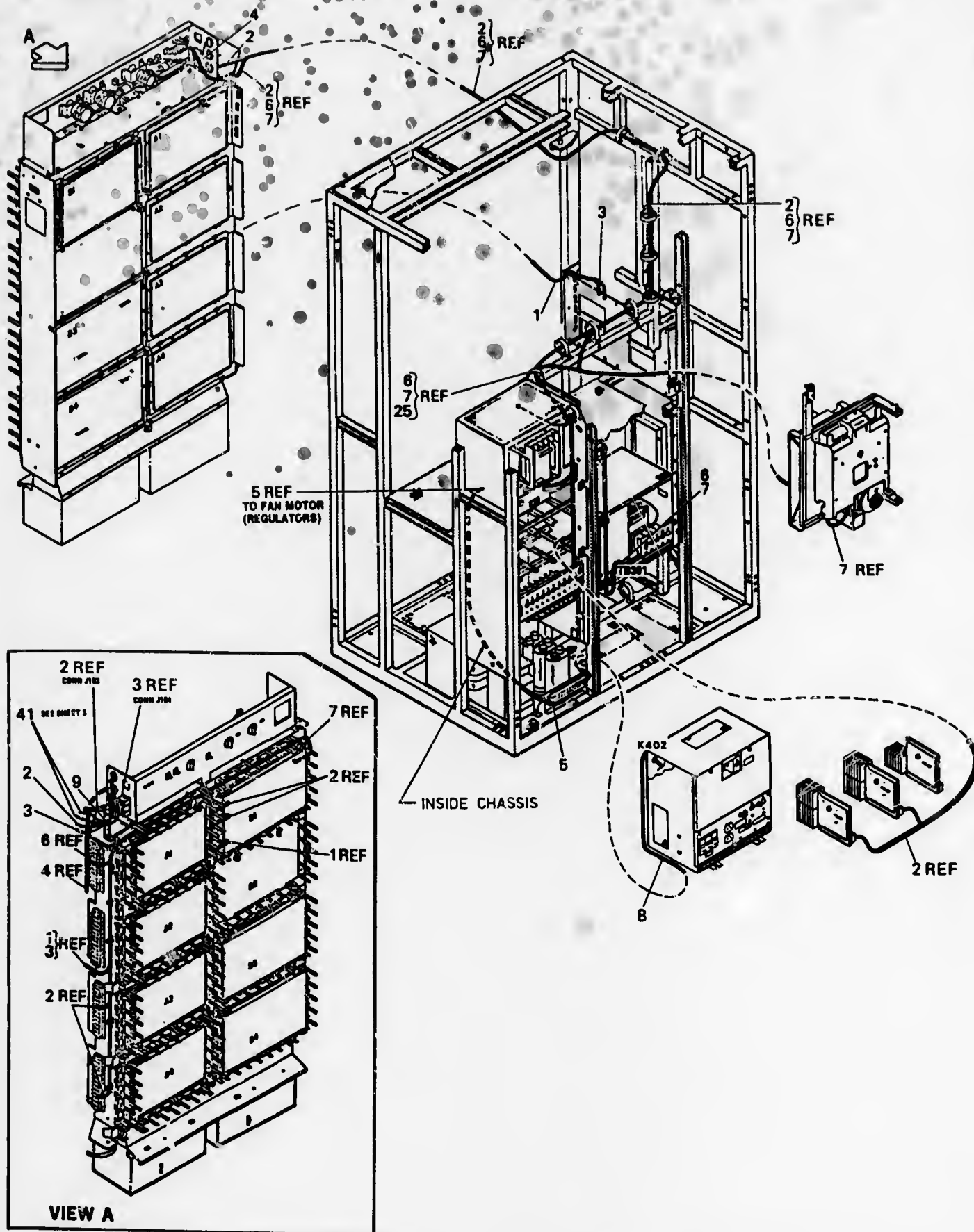
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4853943	2/C12 - 2
5180238	2/A10 - 38
5180419	2/A06 - 41
	2/A10 - 41
5213837	2/A18 - 51
5214171	2/A08 - 132
	2/A16 - 188
5214836	2/A08 - 124
	2/A16 - 179
5232267	2/E02 - 70
5236656	2/A10 - 5
5236793	1/A14 - 71
	1/C04 - 35
5244087	2/A04 - 16
5252776	2/A10 - 43
5252839	2/A18 - 18
5257382	1/E04 - 10
	1/E04 - 14
5261067	2/A18 - 49
5312429	2/E04 - 51
5319854	1/B12 - 8
5350092	1/B02 - 19
5351162	2/C06 - 5
5351177	2/E02 - 5C
5353301	1/B02 - 3
	1/B02 - 5
	1/B02 - 19
	1/C06 - 111
5353851	2/E04 - 27
5353852	2/E02 - 5
5353895	1/B18 - 70
5353922	2/E04 - 35
5397868	1/B06 - 19
5412817	2/E02 - 5B
5447741	1/B14 - 10
	2/E04 - 30
5466393	1/B14 - 12
	2/E04 - 40
5466397	1/B14 - 11
	2/E04 - 36
5475834	2/C12 - 17
5486851	2/E02 - 11
5501993	1/D06 - 62
5501994	1/D18 - 90
	2/C02 - 72
5501996	1/C04 - 15
5562034	1/B14 - 7
5562116	1/B10 - 35
	1/B14 - 5
5578491	2/E04 - 23
5584642	2/C14 - 2P
	2/C16 - 2P
5718485	1/A14 - 72
5718488	1/A14 - 72
5719454	2/A06 - 25
5736941	2/A08 - 135
	2/A16 - 191
5761882	2/E04 - 25
5796393	1/E14 - 15
	2/A04 - 25
5997533	2/E04 - 112
6446812	2/B10 - 2
6499977	2/B10 - 16
6499979	2/B10 - 17
6809691	2/E04 - 43
6814312	2/C04 - 5
6815180	1/A14 - 71
6815181	1/A14 - 71
6815183	1/A14 - 71
6815185	1/A14 - 74
6815188	1/A14 - 74
6815190	1/A14 - 73
6815191	1/A14 - 73
6815192	1/A14 - 73
6815194	1/A14 - 74

PART NUMBER	CARD/ FRM-ITEM
6815195	1/A14 - 73
6815196	1/A14 - 73
6825712	1/A14 - 72
6825818	1/A14 - 74
6825820	1/A14 - 74
6825828	1/A14 - 74
6825830	1/A14 - 72
6825831	1/A14 - 72
6825833	1/A14 - 72
6825839	1/A14 - 72
6825840	1/A14 - 74
6825864	1/A14 - 73
6825867	1/A14 - 73
6843640	1/A14 - 73
7389310	1/A14 - 73
8240000	2/E04 - 105
8326722	1/A14 - 71
8326797	1/A14 - 71
8326801	1/A14 - 71
8329274	2/C14 - 2L
	2/C16 - 2L
8329291	1/D18 - 50
8329449	1/A14 - 73
8329450	1/A14 - 71
8329452	1/A14 - 74
8399119	1/B06 - 27
8433040	2/B10 - 18
8483037	1/B16 - 55
8492983	2/C02 - 1
8493013	1/B02 - 10
8493014	1/B02 - 6
8499086	1/C06 - 170
	2/D02 -
	2/D18 - REF
8499087	1/C02 - 54
	2/D06 - 41
	2/D18 - REF
8499088	1/C02 - 65
	2/B02 - REF
8499089	2/B02 - 4
8499101	1/A16 - 65
	1/A16 - 65
	1/A16 - 65
	1/A16 - 65
	1/A16 - 65
8499105	1/A16 - 65
8499107	1/A16 - 65
8499109	1/A16 - 65
8499111	1/A16 - 65
8499113	1/B10 - 15
8499115	1/B06 - 15
8499117	1/E02 - 171
8499122	1/E04 - 55
8499123	1/E04 - 56
8499124	1/E04 - 50
8499126	1/D18 - 97
8499127	1/A18 - 150
	1/B06 - 26
8499128	1/A18 - 150
8499129	1/A18 - 150
8499130	1/A18 - 150
8499131	1/A18 - 150
8499136	1/C04 - 44
	2/B04 - REF
8499137	2/B02 - 4
8499138	1/C02 - 65
	2/B02 - REF
8499139	2/B02 - 5
8499140	2/B04 - 1
8499142	1/C02 - 54
	2/D06 - 41
	2/D18 - REF
8499143	1/D18 - 24
8499144	1/D18 - 24
8499145	1/D18 - 24

PART NUMBER	CARD/ FRM-ITEM
8499146	1/D18 - 24
8499147	1/D18 - 24
8499148	1/D18 - 24
8499173	1/E06 - 14
8499174	1/E06 - 11
8499610	2/C14 - 2F
	2/C16 - 2F
8499611	2/C14 - 2G
	2/C16 - 2G
8499612	2/C14 - 2M
	2/C16 - 2M
8499643	1/B06 - 2
	2/C14 - REF
8499644	1/B06 - 2
	2/C14 - REF
8499645	1/B06 - 2
	2/C14 - REF
8499646	1/B06 - 2
	2/C14 - REF
8499647	1/B06 - 2
	2/C14 - REF
8499648	1/B06 - 2
	2/C14 - REF
8499655	1/B08 - 85
8499657	2/C14 - 2B
	2/C14 - 2D
	2/C16 - 2B
	2/C16 - 2D
8499658	2/C14 - 2H
	2/C16 - 2H
8499659	2/C14 - 2J
	2/C16 - 2J
8528202	1/B14 - 5
8551902	1/A14 - 72
8551903	1/A14 - 74
8551904	1/A14 - 71
8551907	1/A14 - 73
8631968	2/C02 - 4

PART NUMBER	CARD/ FRM-ITEM
8499146	1/D18 - 24
8499147	1/D18 - 24
8499148	1/D18 - 24
8499173	1/E06 - 14
8499174	1/E06 - 11
8499610	2/C14 - 2F
	2/C16 - 2F
8499611	2/C14 - 2G
	2/C16 - 2G
8499612	2/C14 - 2M
	2/C16 - 2M
8499643	1/B06 - 2
	2/C14 - REF
8499644	1/B06 - 2
	2/C14 - REF
8499645	1/B06 - 2
	2/C14 - REF
8499646	1/B06 - 2
	2/C14 - REF
8499647	1/B06 - 2
	2/C14 - REF
8499648	1/B06 - 2
	2/C14 - REF
8499655	1/B08 - 85
8499657	2/C14 - 2B
	2/C14 - 2D
	2/C16 - 2B
	2/C16 - 2D
8499658	2/C14 - 2H
	2/C16 - 2H
8499659	2/C14 - 2J
	2/C16 - 2J
8528202	1/B14 - 5
8551902	1/A14 - 72
8551903	1/A14 - 74
8551904	1/A14 - 71
8551907	1/A14 - 73
8631968	2/C02 - 4

FIGURE 2/D02. CABLE ROUTING, MOD 1, 2, 3 AND 4 (SHT 1 OF 6)



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE 1 FOR ATTACHING HARDWARE AND

CABLE CLAMPS SEE FRAME 2/D14

NOTE 2 FOR CABLE COMPONENTS SEE FRAME 2/D15

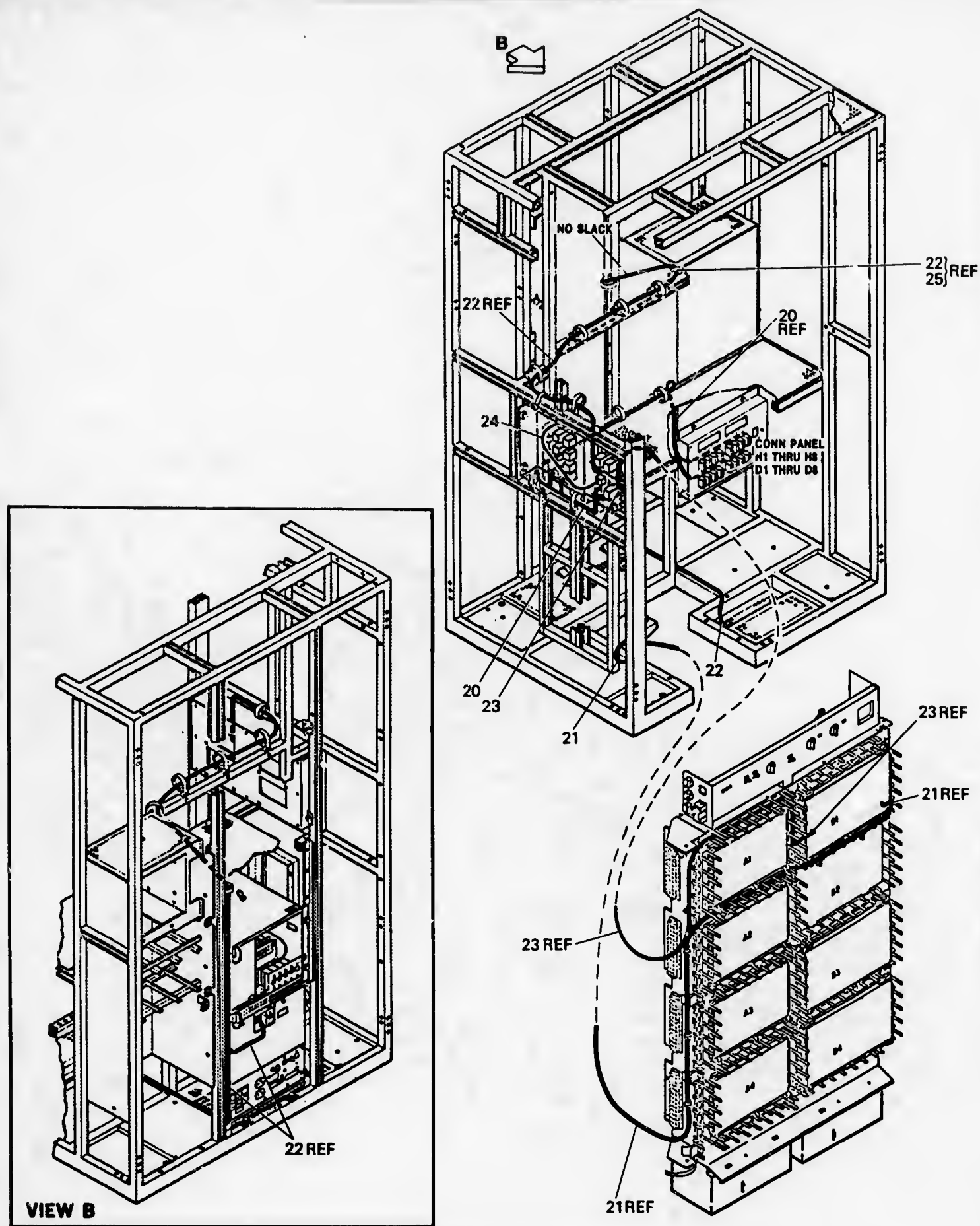
NOTE A USED ON MACHINES WITH HDSCS

NOTE B USED ON MACHINES W/O HDSCS

D02-	SELECT	REF	CABLE ROUTING, MOD 1, 2, 3 AND 4 SHT 1 OF 6	
			FOR NEXT HIGHER ASM SEE FRAME 1/A14 THRU 2/B08	
- 1	2346513	REF	• CABLE, CPC CARD (J708) TO GATE (B1A5)	
- 2	8499086	REF	• CABLE, SENSE PWR TO GATE (B1A2, B1A3) A	
- 2	2346584	REF	• CABLE, SENSE PWR TO GATE (B1A2, B1A3) B	
- 3	2346515	REF	• CABLE, PWR SW PNL (J104) TO CPC CARD (J701, J702)	
- 4	949930	REF	• CABLE, PWR SW PNL TO GATE (TB1, 3, 4)	
- 5	4797199	REF	• CABLE, FAN TO TB201-A	
- 6	4797532	REF	• CABLE, PSM PWR SPLY (TB301) TO GATE (TB1)	
- 7	4797246	REF	• CABLE, PSM PWR SPLY (TB301) TO GATE (B1V2) DISKETTE	
- 8	2314693	REF	• CABLE, FERRO 1 (TB201A) TO PRI PWR (TB401, K402)	
			60 HZ AND 50 HZ JAPAN	
- 8	2314694	REF	• CABLE, FERRO 1 (TB201A) TO PRI PWR (K402)	
			50 HZ EXCEPT JAPAN	
- 9	1159519	REF	• TIE, CABLE (152.4 MM LG)	

END OF SHEET 1 OF 6 (EC 462878) 4801893 REF

FIGURE 2/D04. CABLE ROUTING, MOD 1, 2, 3 AND 4 (SHT 2 OF 6)



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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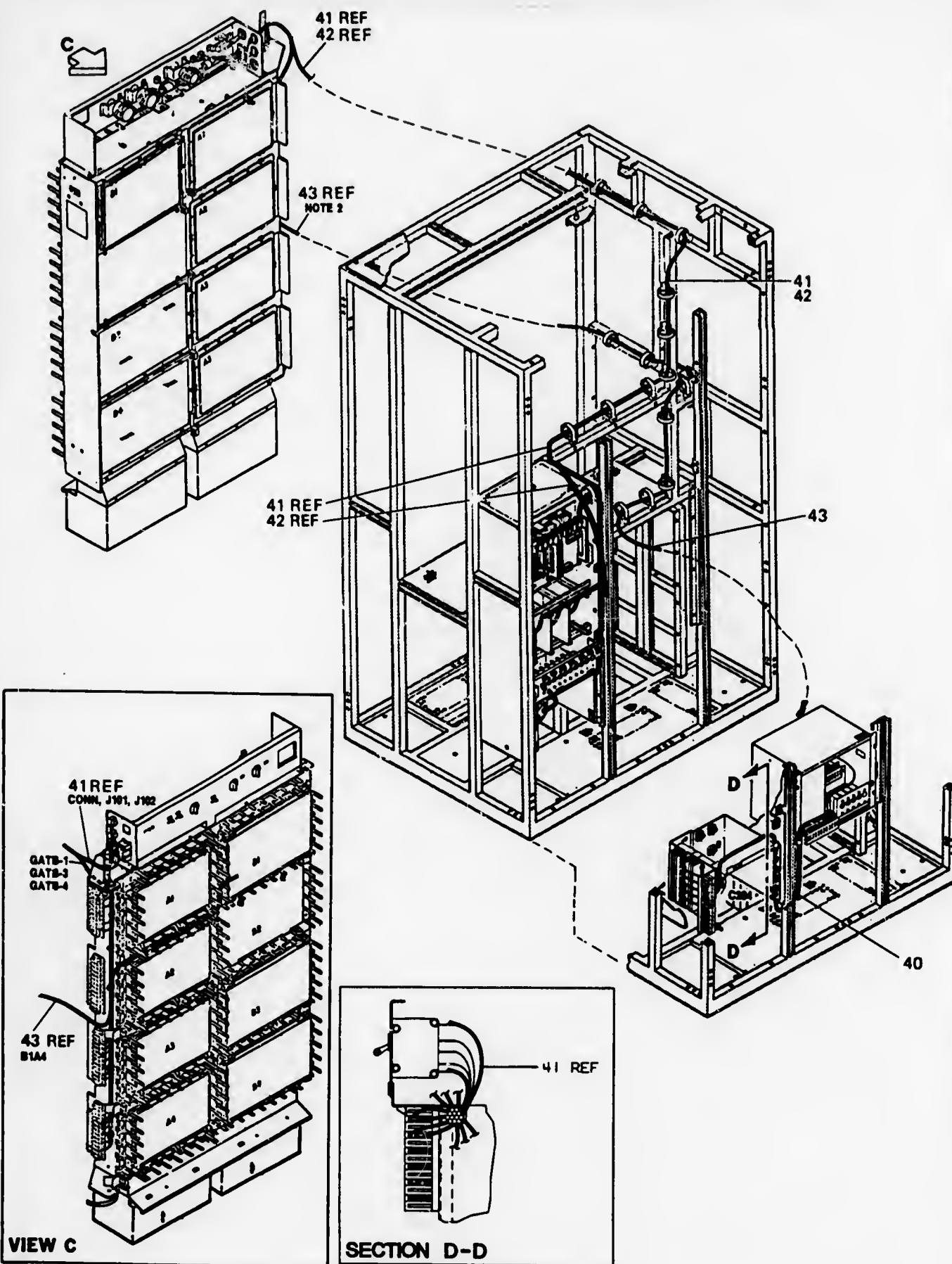
**NOTE 1 FOR ATTACHING HARDWARE AND
CABLE CLAMPS SEE FRAME 2/D14**

NOTE 2 FOR CABLE COMPONENTS SEE FRAME 2/D15

D04-	SELECT	REF	CABLE ROUTING, MOD 1, 2, 3 AND 4 SHT 2 OF 6 FOR NEXT HIGHER ASM SEE FRAME 1/A14 THRU 2/D08
- 20	4797514	REF	• CABLE, CONN PNL TO DEVICE CARD (J803, J804) AND CPC CARD (J706, J707)
- 21	4797259	REF	• CABLE, MD CONN TO GATE (B1V4)
- 22	2346511	REF	• CABLE, INTERLOCK TO PRIM PWR (J401) AND CPC CARD (J704)
- 23	2346512	REF	• CABLE, CPC CARD (J705) TO GATE (B1B4)
- 24	2346510	REF	• CABLE, CPC CARD (J709) TO DEVICE CARD (J801) 1, 2 AND 4 CHAN
- 25	1159519	REF	• TIE, CABLE (152.4 MM LG)

END OF SHEET 2 OF 6 (EC 462878)

FIGURE 2/D06. CABLE ROUTING, MOD 1, 2, 3 AND 4 (SHT 3 OF 6)



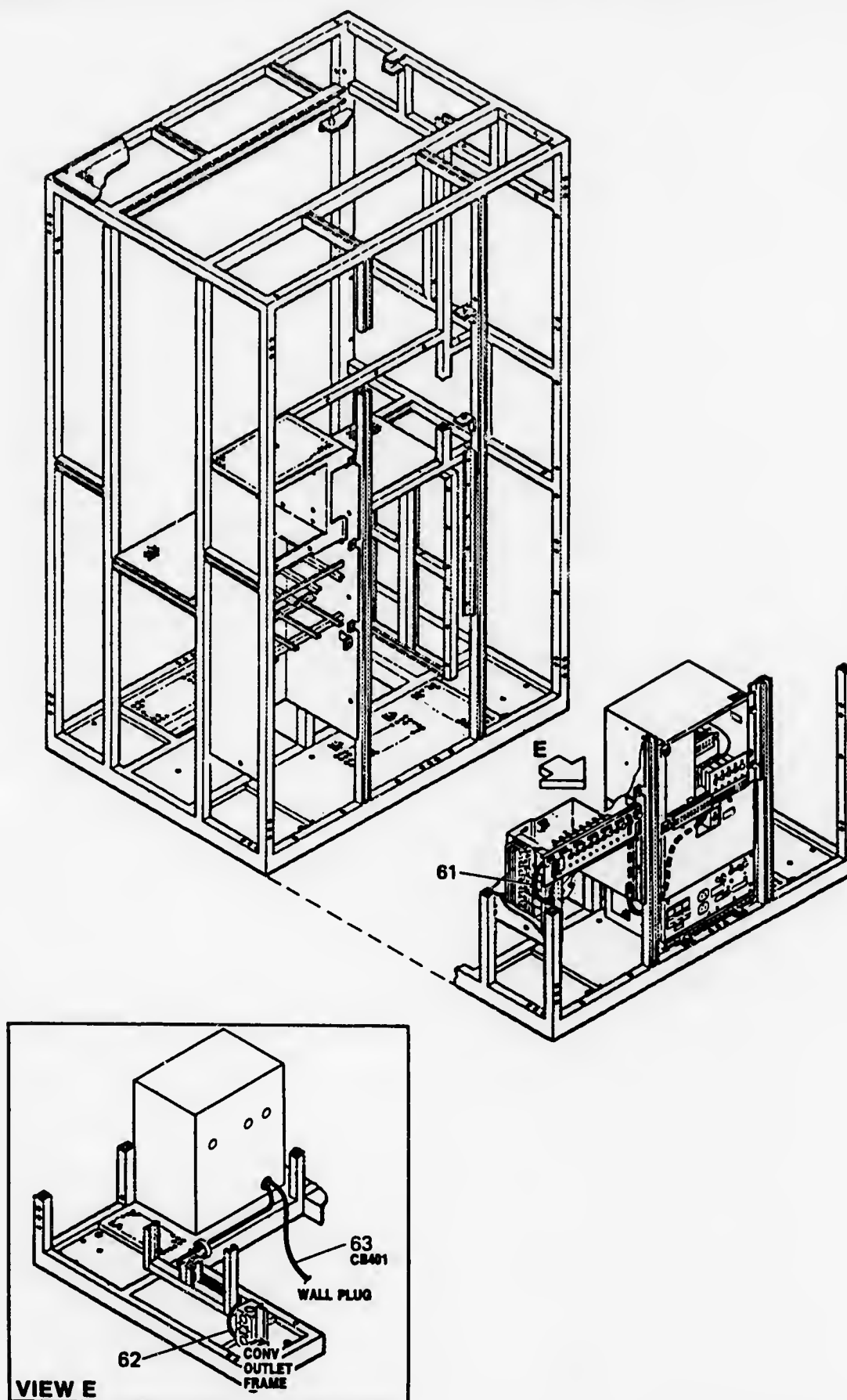
LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE 1 FOR ATTACHING HARDWARE AND
CABLE CLAMPS SEE FRAME 2/D14
NOTE 2 FOR CABLE COMPONENTS SEE FRAME 2/D15
NOTE A USED ON MACHINES WITH HDSCS
NOTE B USED ON MACHINES W/O HDSCS

D06-	SELECT	REF	CABLE ROUTING, MOD 1, 2, 3 AND 4 SHT 3 OF 6 FOR NEXT HIGHER ASM SEE FRAME 1/A14 THRU 2/B08	
- 40	2342656	REF	• JUMPER, BULK PWR (TB202-4) TO PSM PWR (TB301-10)	
- 41	8499087	REF	• CABLE, PWR STACK TO GATE TB1, 3, 4 (1, 2, 4 CHANN)	A
- 41	2346585	REF	• CABLE, PWR STACK TO GATE TB1, 3, 4 (1, 2, 4 CHANN)	B
- 41	8499142	REF	• CABLE, PWR STACK TO GATE TB1, 3, 4 (8 CHANNEL)	A
- 41	2679430	REF	• CABLE, PWR STACK TO GATE TB1, 3, 4 (8 CHANNEL)	B
- 42	4801835	REF	• CABLE, CP201 TO GATE TB3, TB4 (1, 2, 4 CHANNEL)	
- 42	4801836	REF	• CABLE, CP201 TO GATE TB3, TB4 (8 CHANNEL)	
- 43	2346593	REF	• CABLE, PSM PWR (CP301, CP304) TO GATE (B1A4)	

END OF SHEET 3 OF 6 (EC 462878)

FIGURE 2/D08. CABLE ROUTING, MOD 1, 2, 3 AND 4 (SHT 4 OF 6)



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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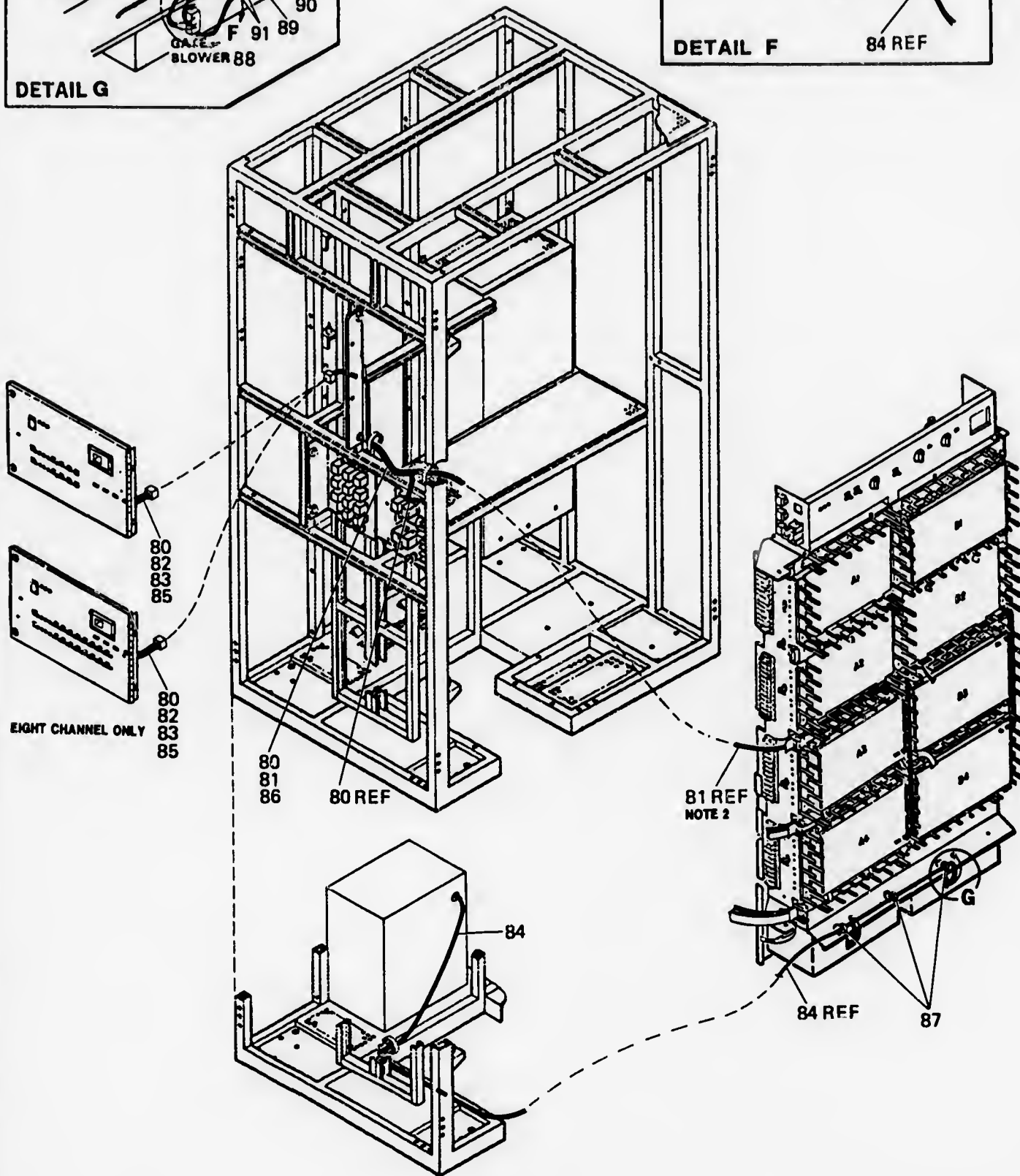
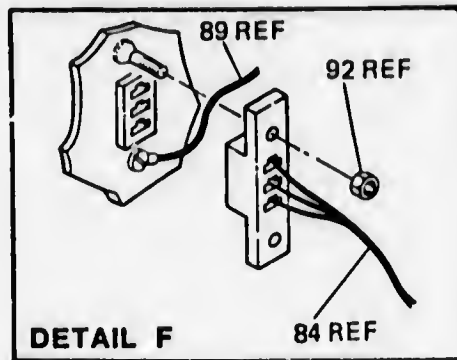
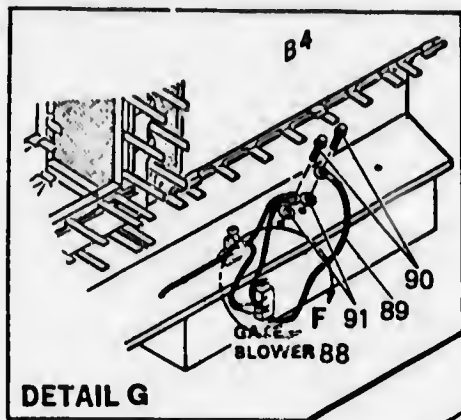
**NOTE 1 FOR ATTACHING HARDWARE AND
CABLE CLAMPS SEE FRAME 2/D14**

NOTE 2 FOR CABLE COMPONENTS SEE FRAME 2/D15

D08-	SELECT	REF	CABLE ROUTING, MOD 1, 2, 3 AND 4 SHT 4 OF 6 FOR NEXT HIGHER ASM SEE FRAME 1/A14 THRU 2/B08
- 61	2342658	REF	• JUMPER, BULK PWR (TB202-6) TO PRIM PWR (C401-)
- 62	4797401	REF	• CABLE, PRIM PWR TO CON. OUTLET
- 63	4518234	REF	• PWR CABLE, 14 FT/60 HZ (USA/CANADA, 50/60HZ JAPAN)
- 63	4518182	REF	• PWR CABLE, USA 6 FT/60 HZ (CHICAGO ONLY)
- 63	4518180	REF	• PWR CABLE, WTC (60 HZ AFE)
- 63	4518179	REF	• PWR CABLE, WTC 50 HZ (EXCEPT JAPAN)

END OF SHEET 4 OF 6 (EC 462878)

FIGURE 2/D10. CABLE ROUTING, MOD 1, 2, 3 AND 4 (SHT 5 OF 6)



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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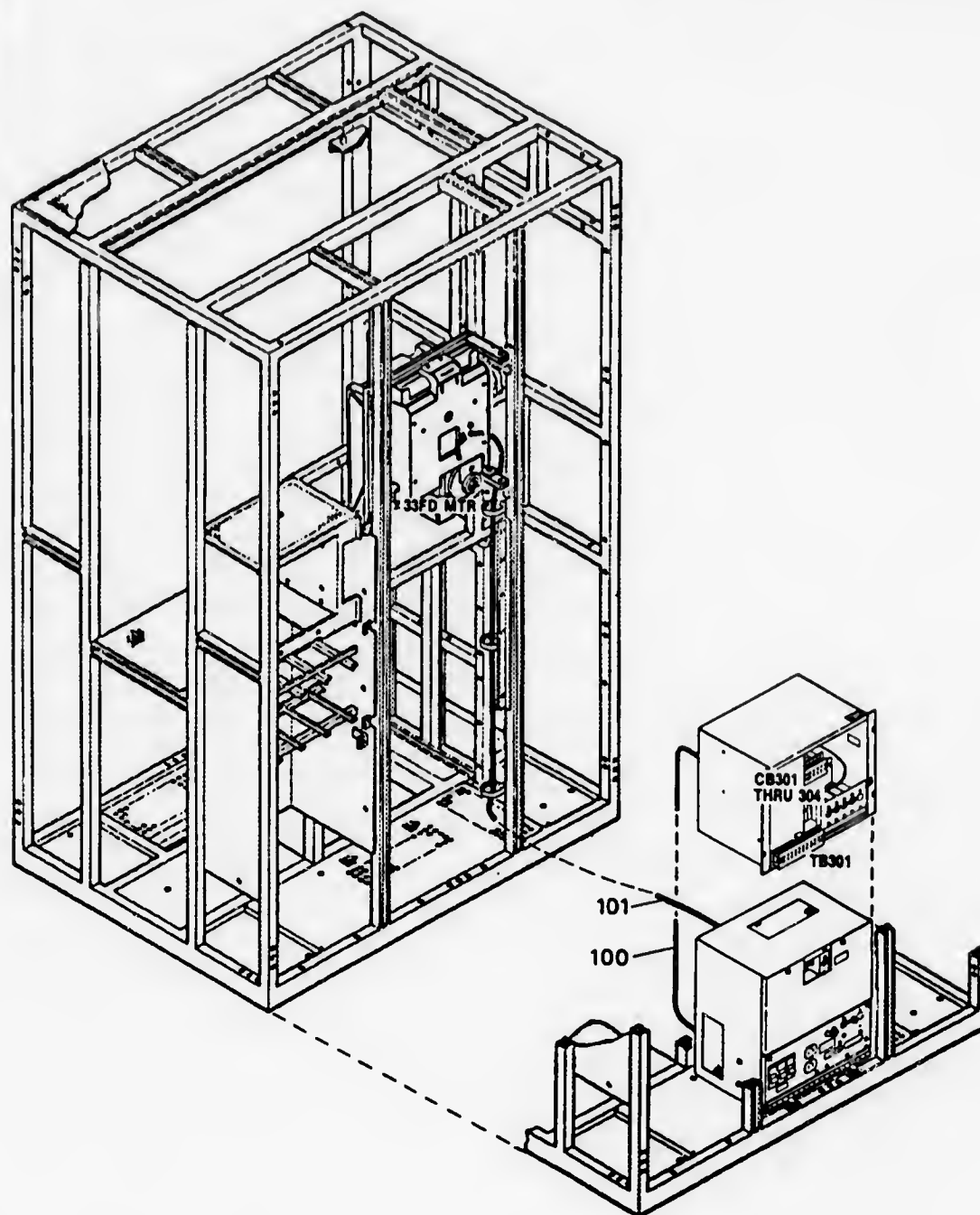
**NOTE 1 FOR ATTACHING HARDWARE AND
CABLE CLAMPS SEE FRAME 2/D14**

NOTE 2 FOR CABLE COMPONENTS SEE FRAME 2/D15

D10-	SELECT	REF	CABLE ROUTING, MOD 1, 2, 3 AND 4 SHT 5 OF 6 FOR NEXT HIGHER ASM SEE FRAME 1/A14 THRU 2/B08
- 80	4797631	REF	• CABLE, OP PANEL TO CPC CARD (J703)
- 81	2342958	REF	• CABLE, GATE SIGNAL TO OP PNL CONN'S
- 82	2342959	REF	• CABLE, OP PANEL SWITCHES TO CONN
- 83	2342960	REF	• CABLE, OP PANEL LED'S TO CONN
- 84	2290554	REF	• CABLE, PRIM PWR (TB401) TO BLOWERS
- 85	949946	REF	• CABLE, ASM. STATUS
- 86	949945	REF	• CABLE, CONN 505 TO GATE (B3Z5, B4Z5)
- 87	1159913	REF	• TIE, CABLE
- 88	949964	REF	• COOLING ASM
- 89	2342969	REF	• JUMPER
- 90	1621811	REF	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 10MM LG
- 91	1622347	REF	• LOCKWASHER, METRIC-EXT TOOTH 5.3 ID X 10 OD
- 92	257187	REF	• NUT, HEX 6-32 X .313 FLAT W

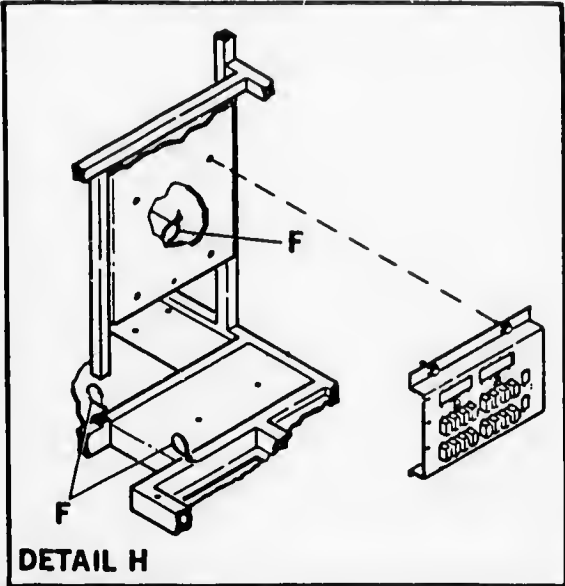
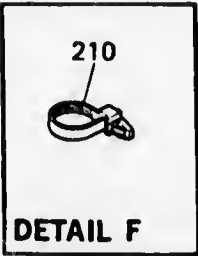
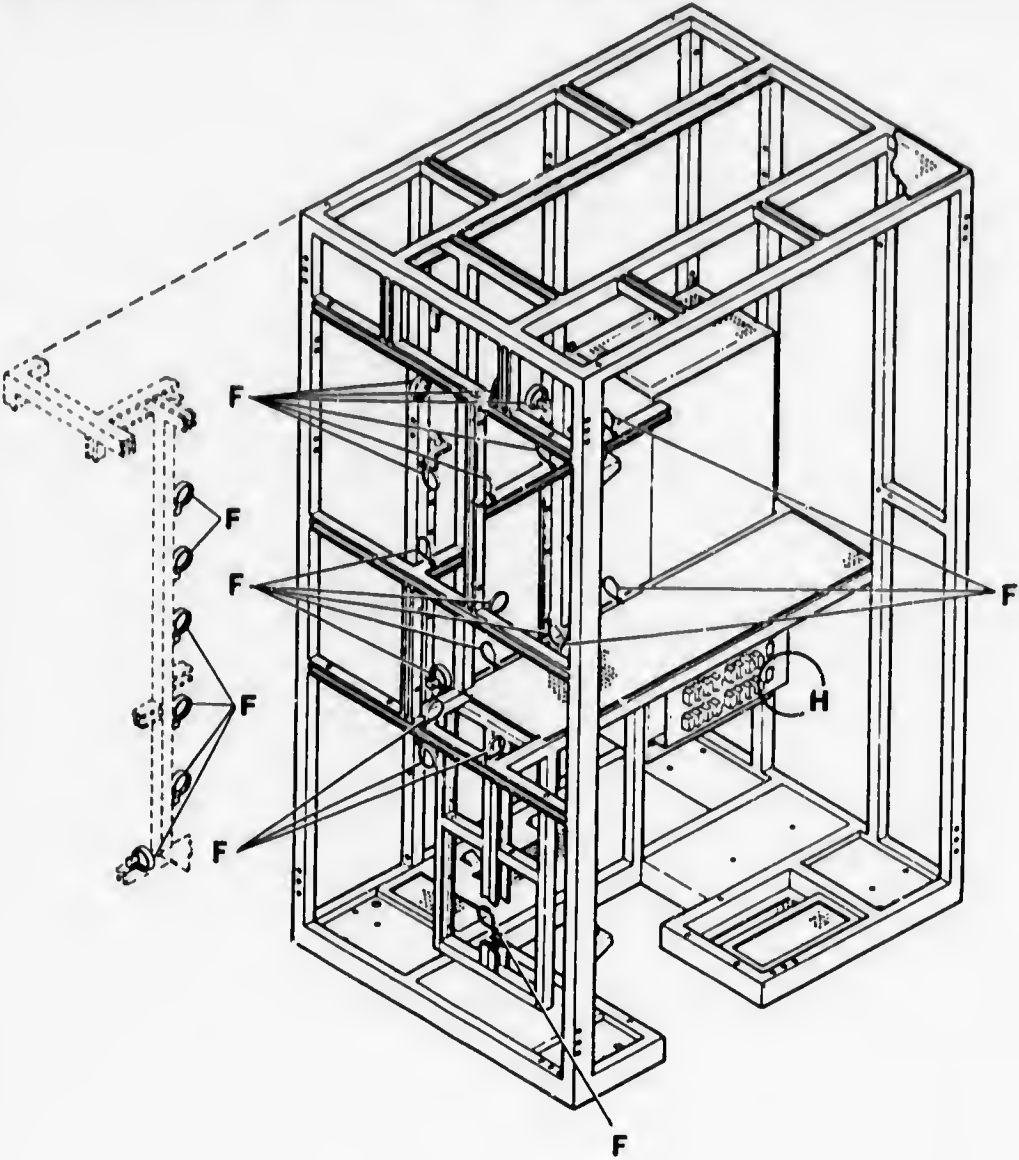
END OF SHEET 5 OF 6 (EC 462878)

FIGURE 2/D12. CABLE ROUTING, MOD 1, 2, 3 AND 4 (SHT 6 OF 6)



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
NOTE 1 FOR ATTACHING HARDWARE AND CABLE CLAMPS SEE FRAME 2/D14				
NOTE 2 FOR CABLE COMPONENTS SEE FRAME 2/D15				
D12-	SELECT	REF	CABLE ROUTING, MOD 1, 2, 3 AND 4 SHT 6 OF 6 FOR NEXT HIGHER ASM SEE FRAME 1/A14 THRU 2/B08	
-100	2314732	REF	• CABLE, PRIM PWR (CP404) TO PSM PWR SPLY (TB301)	
-101	949985	REF	• CABLE, PRIM PWR (SW401) TO 33FD MOTOR	
END OF ASSEMBLY (EC 462878)				

FIGURE 2/D14. CABLE TIE GRP, MOD 1, 2, 3 AND 4



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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**NOTE 1 TO SECURE CABLES NOT SUPPORTED BY
HANGERS OR HOLDERS USE CABLE TIES
(ITEM 201) AS REQUIRED.**

D14-	NP		CABLE TIE GRP, MOD 1, 2, 3 AND 4	
-201	1159519	(27)	• TIE, CABLE (152.4 MM LG)	1
-210	2282931	(27)	• TIE, CABLE	

END OF ASSEMBLY (EC 462878) 4801894 REF

LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE: SEE FRAME 2/D16 FOR INDEX NUMBERS

D15-	SELECT	REF	CABLE ASM, COMPONENT LIST FOR NEXT HIGHER ASM SEE FRAME 2/D02	
-	949924	REF	• CABLE ASM, HEATSINK TO TB202, 203(EC 460703) SEE INDEX 7C	
-	949929	REF	• CABLE ASM, INTERNAL(EC 453939) SEE INDEX 5B, 7B, 17, 22, 43C	
-	949930	REF	• CABLE, PWR SW PNL TO GATE (TB1, 3, 4)(EC 462857A) SEE INDEX 3G, 16 /MAINZ GERMANY ONLY, SUBSTITUTE 1C FOR 3G)	
-	949931	REF	• CABLE ASM, DC SW PNL(EC 462794) SEE INDEX 31, 32, 39, 41, 41A	
-	949945	REF	• CABLE ASM, GATE TO OP PNL STATUS INDICATORS(EC 453964) SEE INDEX 11, 30, 32, 36, 40, 41, 42	
-	949946	REF	• CABLE ASM, GATE TO OP PNL STATUS INDICATORS(EC 453964) SEE INDEX 31, 39	
-	949948	REF	• CABLE ASM, PRI PWR TO PSM PWR SPLY (EC 454013) SEE INDEX 1A, 1D, 1E, 3, 20	
-	949985	REF	• CABLE ASM, 3W401 TO IGAR MOTOR(EC 453984) SEE INDEX 1D, 7A, 15, 26	
-	949996	REF	• CABLE ASM, BULK (VM)(EC 453987) SEE INDEX 20, 20A	
-	2290553	REF	• CABLE ASM, GTB1 TO BOARD B1(EC 462818A) SEE INDEX 3G, 10, 24 (FOR JAPAN AND MAINZ SUBSTITUTE 1D FOR 3G)	
-	2290554	REF	• CABLE ASM, TB401 TO GATE A BLOWER(EC 462857A) SEE INDEX 1D, 1E, 5, 27	
-	2290571	REF	• CABLE ASM, INTERNAL(EC 462801) SEE INDEX 1A, 1B, 3E, 6, 7, 9, 20, 20B, 31, 39B (MAINZ GERMANY SUBSTITUTE 1J FOR 3E)	
-	2314668	REF	• CABLE ASM, PSM TO GATE B1/B2(EC 460553) SEE INDEX 1A, 1B, 1D, 1E, 3, 3A, 3C, 3D, 3G	
-	2314669	REF	• CABLE ASM, PSM TO DISKETTE BD A1-V2 (EC 460553) SEE INDEX 1A, 1B, 3C, 3F, 34, 44, 45	
-	2314686	REF	• CABLE ASM SEE INDEX 7C	
-	2314693	REF	• CABLE ASM, PRI PWR TO FERRO 1 (60HZ) (EC 462857F) SEE INDEX 1B, 1E, 1J, 7A	
-	2314694	REF	• CABLE ASM, PRI PWR TO FERRO 1 (50HZ) (EC 462818) SEE INDEX 1B, 1E, 1J, 7A	
-	2314724	REF	• CABLE ASM, 01A-A4A2 / 01T-A1LD / 01T-A1NO(EC 462838) SEE INDEX 11, 30, 36, 40, 44, 45, 47	
-	2314725	REF	• CABLE ASM, LOGIC GATE TO I/O(EC 462838) SEE INDEX 35, 44, 45	
-	2314728	REF	• CABLE ASM, PRIMARY POWER (50HZ FIELD USE)(EC 454017) SEE INDEX 1B, 1N, 4, 5A, 7A, 20A	
-	2314731	REF	• CABLE ASM, INTERNAL(EC 462847A) SEE INDEX 1D, 3F, 15, 28A (MAINZ GERMANY SUBSTITUTE 1A FOR 3F)	
-	2314732	REF	• CABLE ASM, PRIMARY POWER TO PSM(EC 462847) SEE INDEX 1D, 13, 14, 20, 29	
-	2314735	REF	• CABLE ASM, BULK POWER(EC 462857) SEE INDEX 3D, 7A, 7C (MAINZ GERMANY SUBSTITUTE 1E FOR 3D)	
-	2314764	REF	• CABLE ASM, TB202 TO TB203(EC 460703) SEE INDEX 7C	
-	2342655	REF	• CABLE ASM, JUMPER(EC 452857F) SEE INDEX 7A	
-	2342656	REF	• CABLE ASM, TB301-10 TO TB202-4(EC 462857F) SEE INDEX 3C, 7A (VALLINGBY SWEDEN SUBSTITUTE 1B FOR 3C)	
-	2342657	REF	• CABLE ASM, C204 POS. TO TB202-5(EC 462857F) SEE INDEX 3E, 7A (VALLINGBY SWEDEN SUBSTITUTE 1J FOR 3E)	
-	2342658	REF	• CABLE ASM, C401 NEG. TO TB202-6(EC 462857F) SEE INDEX 7A	
-	2342659	REF	• CABLE ASM, DC COMMON TO FRAME(EC 458478) SEE INDEX 3B, 7C (MAINZ GERMANY SUBSTITUTE 1P FOR 3B)	

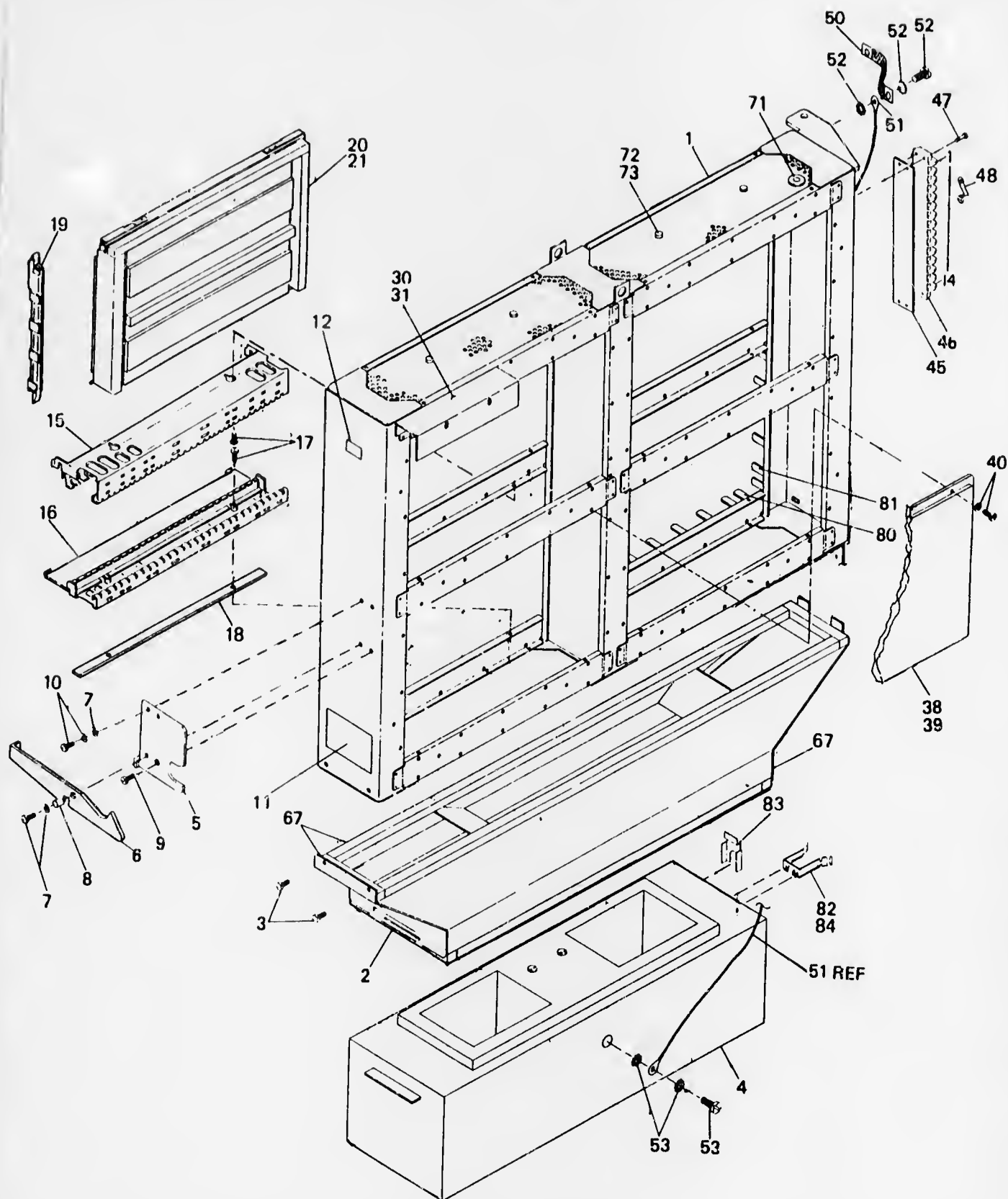
LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
D16-	2342666	REF	• CABLE ASM, 5V REGULATOR (EC 453783A) FIELD USE SEE INDEX 1, 20, 20A	
-	2342668	REF	• CABLE ASM, JUMPER (EC 453783A) SEE INDEX 1F, 1P	
-	2342702	REF	• CABLE ASM, PCM PWR (60HZ)(EC 462857J) SEE INDEX 1A, 1N, 3, 3F, 7C, 8, 12, 20, 20A	
-	2342894	REF	• CABLE ASM, JUMPER(EC 453904) SEE INDEX 1E	
-	2342895	REF	• CABLE ASM, JUMPER(EC 453904) SEE INDEX 1E, 1J	
-	2342896	REF	• CABLE ASM, TB403 TO CB401(EC 453904) SEE INDEX 1B (JAPAN ONLY SUBSTITUTE 19A FOR RING PN 368104)	
-	2342947	REF	• CABLE ASM, TB403 TO CB401(EC 453904) SEE INDEX 1B (JAPAN ONLY SUBSTITUTE 19A FOR RING PN 368104)	
-	2342958	REF	• CABLE ASM, GATE SIG TO OP PNL(EC 462794A) SEE INDEX 11, 30, 31, 32, 36, 39, 40, 41, 42, 47	
-	2342959	REF	• CABLE ASM, SWITCH (SD1)(EC 463867) SEE INDEX 22, 31, 39	
-	2342960	REF	• CABLE ASM, L.E.D.'S(EC 453943) SEE INDEX 32, 41	
-	2342967	REF	• CABLE ASM, DISKETTE MOTOR GROUND (EC 453977) SEE INDEX 1A, 1H	
-	2342974	REF	• CABLE ASM, GT TB-1 THRU GT TB-4(EC 453916) SEE INDEX 3D	
-	2342994	REF	• CABLE ASM, INTERNAL 24V (60HZ)(EC 462843) SEE INDEX 3E, 3H, 6, 20, 20A, 20B, 31, 39B (1H OPTIONAL FOR 3H, 1J OPTIONAL FOR 3E)	
-	2342998	REF	• CABLE ASM, PRI PWR SPLY (60HZ) (EC 454043) SEE INDEX 1B, 1N, 4, 4A, 5A, 20A	
-	2346510	REF	• CABLE ASM, CPC CARD TO DEVICE CARD (EC 460555) SEE INDEX 31, 39D	
-	2346511	REF	• CABLE, INTERLOCK TO PRIM PWR (EC 460555) SEE INDEX 20B, 31, 32, 39B, 41A	
-	2346512	REF	• CABLE ASM, CPC TO GATE B1B4 (EC 462857G) SEE INDEX 11, 30, 31, 36, 38, 40 (JAPAN SUBSTITUTE 44 FOR 38, PN 2766094 FOR 40, AND CARD ASM 5800634 FOR 30)	
-	2346513	REF	• CABLE ASM, CPC TO GATE B1A5(EC 462857G) SEE INDEX 11, 30, 31, 36, 38, 40 (JAPAN SUBSTITUTE 44 FOR 38, PN 2766094 FOR 40, AND CARD ASM 5800634 FOR 30)	
-	2346515	REF	• CABLE ASM, CPC TO SWITCH PNL(EC 460555) SEE INDEX 18, 31, 39B, 43B	
-	2346584	REF	• CABLE ASM, SENSE (POWER STACK)(EC 462857) SEE INDEX 1G, 1M, 3F, 3H, 5B, 9, 30, 31, 38, 39, 39B (JAPAN SUBSTITUTE 44 FOR 38, 45 FOR 40, AND CARD ASM 5800634 FOR 30)	
-	2346585	REF	• CABLE ASM, DC DISTRIBUTION(EC 458483) SEE INDEX 1P, 3A, 3D, 3G, 7A, 7C, 18B, 25, 31, 32, 39, 41, 43, 43A (WTC OPTION 1D FOR 3G, 1E FOR 3D, 1F FOR 3A)	
-	2346588	REF	• CABLE ASM, INTERNAL PRI PWR (60HZ)(EC 462857J) SEE INDEX 1B, 1N, 4, 4A, 5A, 7A	
-	2346593	REF	• CABLE ASM, PSM PWR TO CATE(EC 462857G) SEE INDEX 9, 11, 30, 36, 38, 40 (JAPAN SUBSTITUTE 44 FOR 38, PN 2766094 FOR 40)	
-	2379432	REF	• CABLE ASM, 4 X 1 SW-V SENSE(EC 450092) SEE INDEX 11, 30, 36, 40, 42	
-	2379433	REF	• CABLE ASM, 8 X 2 SW-V SENSE(EC 450092) SEE INDEX 11, 30, 36, 40, 42	
-	2679430	REF	• CABLE ASM, DC DISTRIBUTION(EC 462821) SEE INDEX 1, 1L, 1P, 3B, 3E, 3H, 7A, 7C, 18A, 18B, 20, 20A 25, 31, 32, 39, 41, 43, 43A (OPTIONAL 1H FOR 3H, 1J FOR 3E, 1K FOR 3B)	
-	4450189	REF	• CABLE ASM, INTERCONNECT AC 50HZ A-BOX (EC 847402) SEE INDEX 1A, 1B, 1E, 7A	

LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
D17-	4450211	REF	• CABLE ASM, INTERCONNECT AC 50HZ (EC 847905) SEE INDEX 1B	
	4450212	REF	• CABLE ASM, JUMPER (140 MM LG) (EC 847929) SEE INDEX 1B, 20A	
-	4450216	REF	• CABLE ASM, SD2 TO DIRECTOR BRD (EC 328981) SEE INDEX 27, 30, 36, 40, 46	
-	4450217	REF	• CABLE ASM, SD1 TO DIRECTOR BRD (EC 328981) SEE INDEX 27, 30, 36, 40, 46	
-	4450907	REF	• CABLE ASM, (EC 347905) SEE INDEX 3C, 3D, 15, 15A, 20A, 29A, 51	
-	4450915	REF	• CABLE ASM, AC PWR (60HZ) (EC 847928) SEE INDEX 4, 4A, 7D, 16A	
-	4450916	REF	• CABLE ASM, AC PWR (INTRNL) (EC 847905) SEE INDEX 1B, 51	
-	4450917	REF	• CABLE ASM, JUMPER (A BOX) (EC 847909) SEE INDEX 20A, 51	
-	4450918	REF	• CABLE ASM, DC COIL PWR (EC 847905) SEE INDEX 15, 20B, 28	
-	4450928	REF	• CABLE ASM, +5V HS-CPS (EC 828971) SEE INDEX 2, 2A AND 5270658	
-	4450938	REF	• CABLE ASM, JUMPER (1065 MM LG) (EC 847388) SEE INDEX 1B, 1J	
-	4450980	REF	• CABLE ASM, GATE FAN PWR (EC 847905) SEE INDEX 1A, 5, 27	
-	4450982	REF	• CABLE ASM, +5 PWR/SPLYTO GATE (EC 847918) SEE INDEX 1K, 3A	
-	4450983	REF	• CABLE ASM, (EC 847918) SEE INDEX 3C, 3D	
-	4450987	REF	• CABLE ASM, PSM (EC 847929) SEE INDEX 7E, 29B AND 1661131, 1661132, 2334904	
-	4469947	REF	• CABLE ASM, SENSE (EC 328971) SEE INDEX 42A, 45	
-	4469960	REF	• CABLE ASM, JUMPER (380 MM LG) (EC 847929) SEE INDEX 1K	
-	4469961	REF	• CABLE ASM, JUMPER (320 MM LG) (EC 847929) SEE INDEX 1K	
-	4469962	REF	• CABLE ASM, JUMPER (266 MM LG) (EC 847929) SEE INDEX 1K	
-	4469963	REF	• CABLE ASM, JUMPER (212 MM LG) (EC 847929) SEE INDEX 1K	
-	4469964	REF	• CABLE ASM, JUMPER (163 MM LG) (EC 847929) SEE INDEX 1K	
-	4469965	REF	• CABLE ASM, JUMPER (108 MM LG) (EC 847929) SEE INDEX 1K	
-	4469966	REF	• CABLE ASM, (EC 847907) SEE INDEX 7F, 29C AND 1590007 LED, 1661131	
-	4479249	REF	• CABLE ASM, VOLTAGE (EC 328953) SEE INDEX 2B, 65, 66, 68	
-	4518179	REF	• CABLE ASM, WTC 50HZ (EXCEPT JAPAN)(EC 462870) SEE INDEX 1J, 19A, AND 350831	
-	4518180	REF	• CABLE ASM, WTC (60HZ AFE)(EC 462870) SEE INDEX 1J AND 350831	
-	4518182	REF	• CABLE ASM, USA 6 FT/60HZ (CHICAGO ONLY)(EC 462857E) SEE INDEX 1E, 1J, 4, 21	
-	4518234	REF	• CABLE ASM, 14 FT/60HZ (CANADA/USA, WTC 50/60HZ JAPAN) SEE INDEX 1E, 1J, 4, 21	
-	4758790	REF	• CABLE ASM, SD1 TO DIRECTOR BRD (EC 328981) SEE INDEX 27, 30, 36, 40, 46	
-	4764702	REF	• CABLE ASM, DC COIL PWR (NEUTRAL) (EC 328953) SEE INDEX 1D, 9, 15, 31A	
-	4764721	REF	• CABLE ASM, PROTECTOR-AREA A2 (EC 847379) SEE INDEX 7E	
-	4764803	REF	• CABLE ASM, 5UAC DIST (EC 847905) SEE INDEX 3A AND 234807A	
-	4764842	REF	• CABLE ASM, JUMPER (230 MM LG) (EC 847905) SEE INDEX 2, 2A	
-	4781541	REF	• CABLE ASM, DIRECTOR (EC 328953) SEE INDEX 16, 28, 39C, 42A, 51 AND 1661132	
-	4796707	REF	• CABLE ASM, PSM PWR TO GATE (EC 460697) SEE INDEX 9, 11, 30, 36, 38, 40	

LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
D18-	4796836	REF	• CABLE ASM, CPC TO DEV INTERFACE (EC 453614B) SEE INDEX 31, 39B	
-	4796842	REF	• CABLE ASM, JUMPER (230 MM LG) (EC 847905) SEE INDEX 31, 39B	
-	4796852	REF	• CABLE ASM, SW401 TO DISKETTE MTR (EC 453657D) SEE INDEX 1E, 48, 20, 49	
-	4797199	REF	• CABLE, FAN TO TB201-A (EC 462838) SEE INDEX 1E, 1J, 1L, 9A	
-	4797246	REF	• CABLE ASM, PSM PWR SPLY TO GATE (EC 462857F) SEE INDEX 3C, 3F, 34, 45, 44 (OPTIONAL 1A FOR 3F, 1B FOR 3C) (FOR JAPAN ONLY SUBSTITUTE PN 2766094 FOR 45)	
-	4797250	REF	• CABLE ASM, THERMAL SWITCH (EC 462818A) SEE INDEX 5B, 10, 24	
-	4797259	REF	• CABLE ASM, MAINT. DEV TO GATE B1V4 (EC 462857E) SEE INDEX 3E, 11, 19, 23, 30, 33, 36, 38, 40 (JAPAN SUBSTITUTE 44 FOR 38, PN 2766094 FOR 40, AND CARD 5800634 FOR 30) (VALLINGBY SWEDEN SUBSTITUTE 1J FOR 3E)	
-	4797401	REF	• CABLE ASM, CONV. OUTLET-FRAME (EC 462857G) SEE INDEX 1D, 4	
-	4797482	REF	• CABLE ASM, 01A-B4A2 / 01T-A1CD / 01T-A1ED (EC 462833) SEE INDEX 11, 30, 45, 36, 40, 44	
-	4797486	REF	• CABLE ASM, LOGIC GATE TO I/O (EC 454040) SEE INDEX 35, 44, 45A	
-	4797488	REF	• CABLE ASM, VOLTAGE SENSE TO PCM (EC 453757) SEE INDEX 11, 30, 36, 40, 42	
-	4797489	REF	• CABLE ASM, VOLTAGE SENSE TO PCM (EC 453757) SEE INDEX 11, 30, 36, 40, 42	
-	4797490	REF	• CABLE ASM, GATE TO I/O (EC 462857D) SEE INDEX 11, 30, 36, 37, 40, 46	
-	4797491	REF	• CABLE ASM, SEE INDEX 11, 30, 36, 37, 40, 46	
-	4797492	REF	• CABLE ASM, TOP CARD CONNECT (EC 458480) SEE INDEX PN 4422303, 4422405	
-	4797493	REF	• CABLE ASM, TOP CARD CONNECT (EC 458480) SEE INDEX PN 4422303, 4422405	
-	4797494	REF	• CABLE ASM, TOP CARD CONNECT (EC 458480) SEE INDEX PN 4422303, 4422405	
-	4797495	REF	• CABLE ASM, TOP CARD CONNECT (EC 458480) SEE INDEX PN 4422303, 4422405	
-	4797496	REF	• CABLE ASM, TOP CARD CONNECT (EC 458480) SEE INDEX PN 4422303, 4422405	
-	4797497	REF	• CABLE ASM, TOP CARD CONNECT (EC 458480) SEE INDEX PN 4422303, 4422405	
-	4797514	REF	• CABLE ASM, CONN: PNL TO DEV AND CPC CARD (EC 453756) SEE INDEX 5C, 26, 31, 39C	
-	4797570	REF	• CABLE ASM, VOLTAGE (EC 450046) SEE INDEX 1D, 3G, 50, 50A	
-	4797619	REF	• CABLE ASM, THERMAL (EC 458477B) SEE INDEX 5A	
-	4797631	REF	• CABLE ASM, 24V CPC CARD TO OP PNL (EC 454018) SEE INDEX 16, 20, 31, 39A	
-	4801835	REF	• CABLE ASM, 1 - 4 CHANNEL (EC 458447) SEE INDEX 2, 3A, 7C	
-	4801836	REF	• CABLE ASM, OVERLAY DC DISTR. 8 CHANNEL (EC 458447) SEE INDEX 1P, 2, 3A, 7C	
-	8499086	REF	• CABLE ASM, SENSE (POWER STACK) (EC 462857) SEE INDEX 1G, 1M, 3F, 3H, 5B, 9, 30, 31, 38, 39, 39B (JAPAN SUBSTITUTE 44 FOR 38, 45 FOR 40, AND CARD ASM 5800634 FOR 30)	
-	8499087	REF	• CABLE ASM, DC DISTRIBUTION (EC 458483) SEE INDEX 1P, 3A, 3D, 3G, 7A, 7C, 18B, 25, 31, 32, 39, 41, 43, 43A (WTC OPTION 1D FOR 3G, 1E FOR 3D, 1F FOR 3A)	
-	8499142	REF	• CABLE ASM, DC DISTRIBUTION (EC 462821) SEE INDEX 1, 1L, 1P, 3B, 3E, 3H, 7A, 7C, 18A, 18B, 20, 20A 25, 31, 32, 39, 41, 43, 43A (OPTIONAL 1H FOR 3H, 1J FOR 3E, 1K FOR 3B)	

END OF ASSEMBLY

FIGURE 2/C02. GATE ASM, 'B' BASIC (22 POS) MOD 11/13



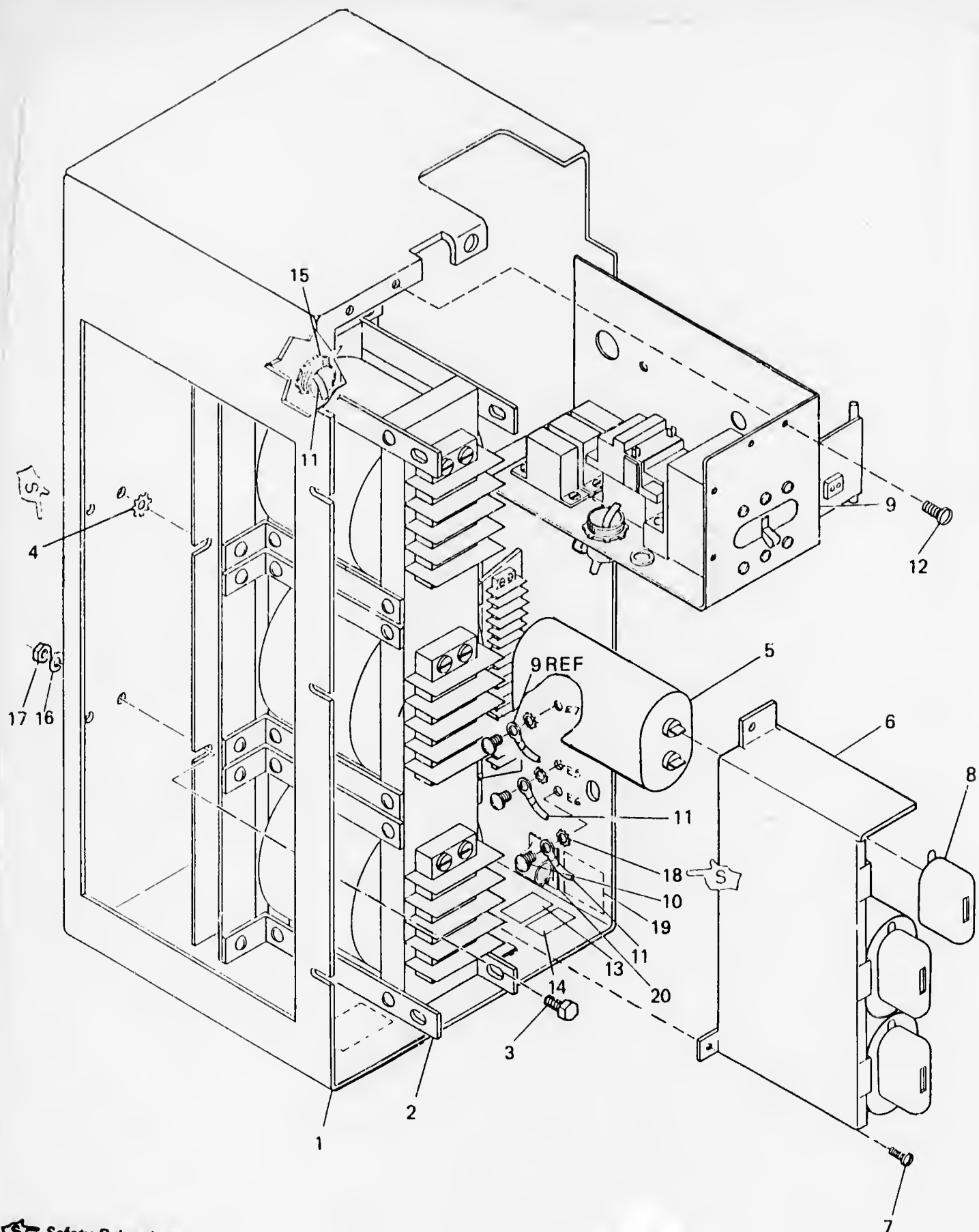
LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE A USED ON 4MB
NOTE B USED ON 8MB
NOTE C USED ON 60HZ
NOTE D USED ON 50HZ
NOTE E USED IN JAPAN ONLY

C02-	NR	REF	GATE ASM, 'B' BASIC (22 POS) MOD 11/13 FOR NEXT HIGHER ASM SEE FRAME 2/B16	
- 1	8492983	(1)	• GATE, LOGIC	
- 2	4452028	(1)	• PLENUM, AIR	
- 3	1621190	(2)	• SCREW, METRIC-SLOT PAN HD M4 X 8MM LONG	
- 4	1626386	(1)	• COOLING ASM, SUPER DUPLEX BLOWER, 60HZ	C
- 4	8631968	(1)	• COOLING ASM, SUPER DUPLEX BLOWER, 50HZ	D
- 5	4451947	(1)	• BRACKET, LATCH	
- 6	4764710	(1)	• LATCH	
- 7	1621193	(1)	• SCREW, METRIC-SLOT PAN HD M4 X 16MM LONG	
- 7	1884669	(1)	• WASHER	
- 7	35229	(1)	• WASHER, FLAT .171 ID X .438 OD X .078 THICK	E
- 8	4764709	(1)	• SPACER, LATCH	
- 9	1621308	(1)	• SCREW, METRIC-SLOT FLAT HD M4 X 8MM LONG	
- 10	1621193	(2)	• SCREW, METRIC-SLOT PAN HD M4 X 16MM LONG	
- 10	1622318	(2)	• LOCKWASHER, METRIC-SPRING 4.1 ID X 7.5 OD	
- 10	1884669	(2)	• WASHER	
- 10	35229	(2)	• WASHER, FLAT .171 ID X .438 OD X .078 THICK	E
- 11	4764789	(1)	• LABEL	
- 12	2749390	(1)	• LABEL, EC	
- 15	2342870	(AR)	• CARD GUIDE	
- 16	2342869	(AR)	• CARD GUIDE	
- 17	2342737	(AR)	• SCREW	
- 18	4764863	(AR)	• SPACER	
- 19	4139583	(AR)	• BRACKET INT. MX	
- 20	2342744	(AR)	• COVER ASM, CARD	
- 20	4781557	(2)	• COVER, BLANK (TOP)	A
- 21	1621807	(4)	• SCREW, METRIC-THD FORM HEX WSHR HD M3.5 X 10MM LG	A
- 30	4451970	(1)	• BRACKET STOP	
- 31	1621807	(2)	• SCREW, METRIC-THD FORM HEX WSHR HD M3.5 X 10MM LG	
- 38	2342744	(2)	• COVER, BLANK (TOP)	A
- 38	1621807	(8)	• SCREW, METRIC-THD FORM HEX WSHR HD M3.5 X 10MM LG	A
- 39	4479204	(AR)	• BOARD, LOGIC (22 POS)	
- 40	1621809	(AR)	• SCREW, METRIC-THD FORM HEX WSHR HD M3.5 X 25MM LG	
- 45	4120489	(2)	• STRIP, MARKER	
- 46	2102457	(2)	• TERMINAL BOARD, 14 DBL SCREW TERMINALS	
- 47	1621813	(8)	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 16MM LG	
- 48	596458	(16)	• JUMPER, TERMINAL	
- 50	4451939	(1)	• STRAP ASM	
- 51	4451938	(1)	• JUMPER, GROUND	
- 52	1621814	(1)	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 12MM LG	
- 52	2125963	(1)	• LOCKWASHER, INT THICK NO. 8 X .562 OD X .025 THD	
- 53	81693	(2)	• SCREW, MACH-BIND HD 6-32 X .375 LONG	
- 53	1622345	(2)	• LOCKWASHER, METRIC-EXT TOOTH 3.7 ID X 7 OD	
- 67	2512838	(4)	• FOAM	
- 71	265059	(1)	• GROMMET, RUBBER .025 HOLE X .062 PNL	
- 72	5501994	(4)	• SWITCH, THERMO	
- 73	2333419	(4)	• FASTENER	
- 80	2590011	(6)	• RACEWAY	
- 82	4853908	(1)	• CLAMP, BLOWER	
- 83	4853925	(1)	• LOCK, PLENUM	
- 84	1159519	(2)	• TIE, CABLE (152.4 MM LG)	

END OF ASSEMBLY (EC 328957A) 4450228 REF

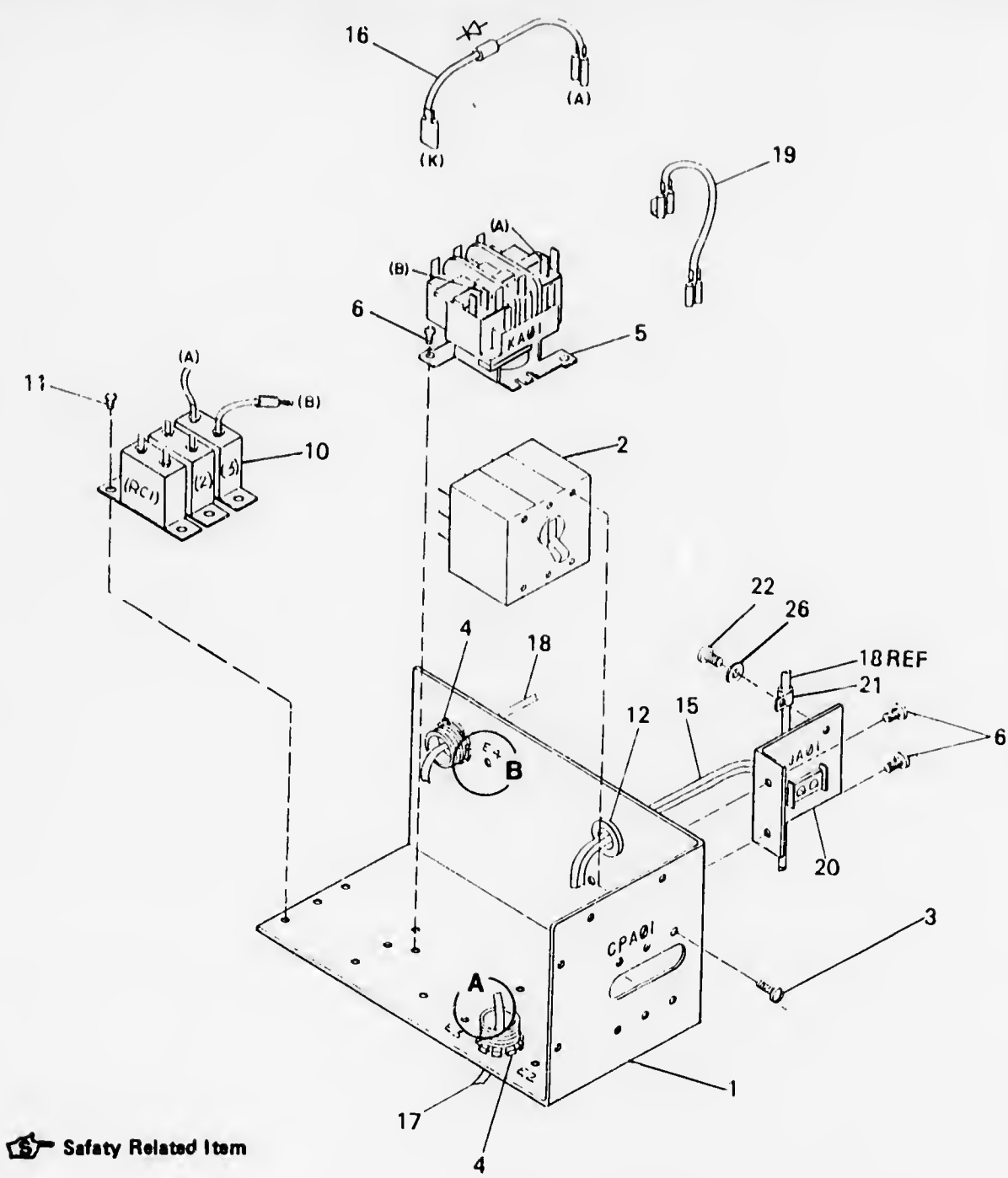
FIGURE 2/C04. POWER SUPPLY ASM, 'A' (MOD 11/13)



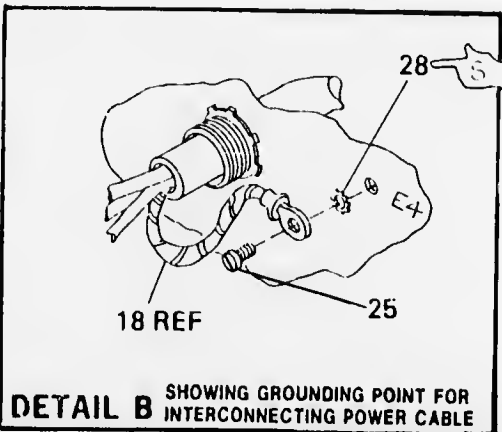
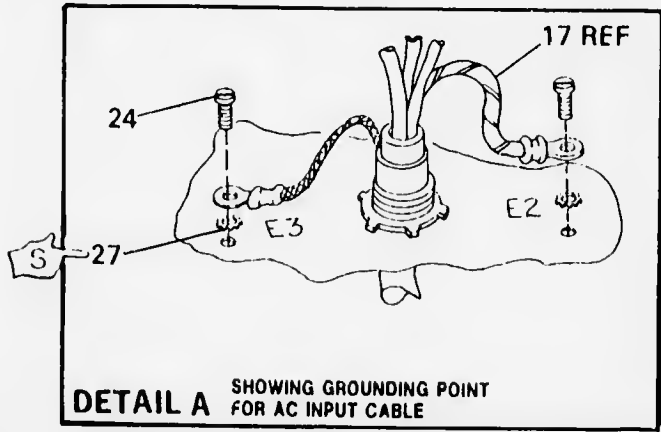
 Safety Related Item

LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
NOTE A USED ON (60HZ) NOTE B USED ON (50HZ) JAPAN NOTE C USED ON (50HZ) NOT JAPAN				
C04-	SELECT	REF	POWER SUPPLY ASM, 'A' (MOD	
-	4764849	REF	POWER SUPPLY ASM, 'A' (60HZ)	A
-	4764850	REF	POWER SUPPLY ASM, 'A' (50HZ) JAPAN	B
-	4764851	REF	POWER SUPPLY ASM, 'A' (50HZ) NOT JAPAN	C
FOR NEXT HIGHER ASM SEE FRAME 1/B02				
- 1	4451909	(1)	• CHASSIS, AC BOX	
- 2	4451910	(1)	• TRANSFORMER ASM, 60HZ	A
- 2	4451964	(1)	• TRANSFORMER ASM, 50HZ	B, C
- 3	38686	(4)	• SCREW, MACH-HEX HD .250-20 X .500 LONG	
- 4	76574	(1)	• LOCKWASHER, EXT TOOTH .256 ID X .510 OD	
INSTALL LOCKWASHER UNDER MOUNTING RAIL				
- 5	6814312	(3)	• CAPACITOR	
- 6	4451911	(1)	• BRACKET, CAPACITOR	
- 7	186759	(2)	• SCREW, MACH-BIND HD 8-32 X .312 LONG	
- 8	363001	(3)	• BOOT, CAPACITOR	
- 9	4451998	(1)	• AC ASM, MINI (50/60HZ)	A, B
- 9	4450188	(1)	• AC ASM, MINI (50HZ) NOT JAPAN	C
FOR DETAIL BREAKDOWN SEE FRAME 2/C06				
- 10	55726	(3)	• SCREW, MACH-BIND HD 6-32 X .188 LONG	
- 11	4451980	(1)	• CABLE ASM, GATE FAN	
- 12	10170	(4)	• SCREW, MACH-BIND HD 6-32 X .250 LONG	
- 13	124828	(1)	• LABEL, WARNING	
- 14	845762	(1)	• LABEL, VOLTAGE WARNING	
- 15	2100264	(1)	• STRAIN RELIEF, .812 (20, 6) THD .625 (15, 87) CABLE OD	
- 16	6935	(4)	• LOCKWASHER, SPLIT .255 ID X .493 OD	
- 17	3960	(4)	• NUT, HEX .250-20 X .438 FL W	
- 18	56722	(3)	• LOCKWASHER, EXT TOOTH .141 ID X .320 OD	
- 19	SELECT	(1)	• LABEL, WARNING	
- 20	2513269	(1)	• CLAMP, CABLE-STICK-ON	
END OF ASSEMBLY (EC 328971)				

FIGURE 2/C06. AC ASM, MINI (MOD 11/13)



S Safety Related Item



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
NOTE A USED ON (50/60HZ) USA/JAPAN				
NOTE B USED ON (50HZ) NOT JAPAN				
C06-	SELECT	REF	AC ASM, MINI (MOD 11/13)	
-	4451998	REF	AC ASM, MINI (50/60HZ) USA/JAPAN	A
-	4450188	REF	AC ASM, MINI (50HZ) NOT JAPAN	B
FOR NEXT HIGHER ASM SEE FRAME 2/C04				
- 1	4451912	(1)	• CHASSIS, MINI (50/60HZ) USA/JAPAN	A
- 1	4451914	(1)	• CHASSIS, MINI (50HZ) NOT JAPAN	B
- 2	2281278	(1)	• CIRCUIT PROTECTOR, 8 AMP 3 POLE	
- 3	55726	(6)	• SCREW, MACH-BIND HD 6-32 X .188 LONG	
- 4	2100264	(2)	• STRAIN RELIEF, .812 (20, 6) THD .625 (15, 87) CABLE OD	
- 5	2745131	(1)	• RELAY, 3 POLE 24VDC.	A
- 5	5351162	(1)	• CONTACTOR ASM	B
- 6	55726	(2)	• SCREW, MACH-BIND HD 6-32 X .188 LONG	
- 10	1847445	(3)	• RC ASM.	A
- 10	4764708	(3)	• RC ASM.	B
- 11	55726	(6)	• SCREW, MACH-BIND HD 6-32 X .188 LONG	
- 12	319140	(1)	• GROMMET	
- 15	4451918	(1)	• CABLE ASM, DC COIL PWR	A
- 15	4764702	(1)	• CABLE ASM, DC COIL PWR	B
- 16	4450209	(1)	• DIODE ASM	A
- 16	4764701	(1)	• DIODE ASM	B
- 17	4451915	(1)	• CABLE ASM, INTERCONNECTING AC PWR	A
- 17	4450189	(1)	• CABLE ASM, INTERCONNECTING AC PWR	B
- 18	4451916	(1)	• CABLE ASM, AC PWR	A
- 18	4450211	(1)	• CABLE ASM, AC PWR	B
- 19	4451917	(3)	• JUMPER ASM.	A
			FROM CPA0-T1 TO KA01-C7	
			FROM CPA0-T2 TO KA01-C4	
			FROM CPA0-T3 TO KA01-C1	
- 19	4450212	(3)	• JUMPER ASM.	B
			FROM CPA0-T1 TO KA01-L1	
			FROM CPA0-T2 TO KA01-L2	
			FROM CPA0-T3 TO KA01-CL3	
- 20	4451919	(1)	• BRACKET, CONN MTG	
- 21	356742	(1)	• CLAMP, DIA .250 MTG HOLE .177	
- 22	10170	(1)	• SCREW, MACH-BIND HD 6-32 X .250 LONG	
- 23	55726	(2)	• SCREW, MACH-BIND HD 6-32 X .188 LONG	
- 24	55726	(2)	• SCREW, MACH-BIND HD 6-32 X .188 LONG	
- 24	56722	(2)	• LOCKWASHER, EXT TOOTH .141 ID X .320 OD	
- 25	55726	(1)	• SCREW, MACH-BIND HD 6-32 X .188 LONG	
- 26	257986	(1)	• WASHER, FLAT .156 ID X .312 OD X .035 THICK	
- 27	56722	(2)	• LOCKWASHER, EXT TOOTH .141 ID X .320 OD	
- 28	56722	(1)	• LOCKWASHER, EXT TOOTH .141 ID X .320 OD	

END OF ASSEMBLY (EC 847929)

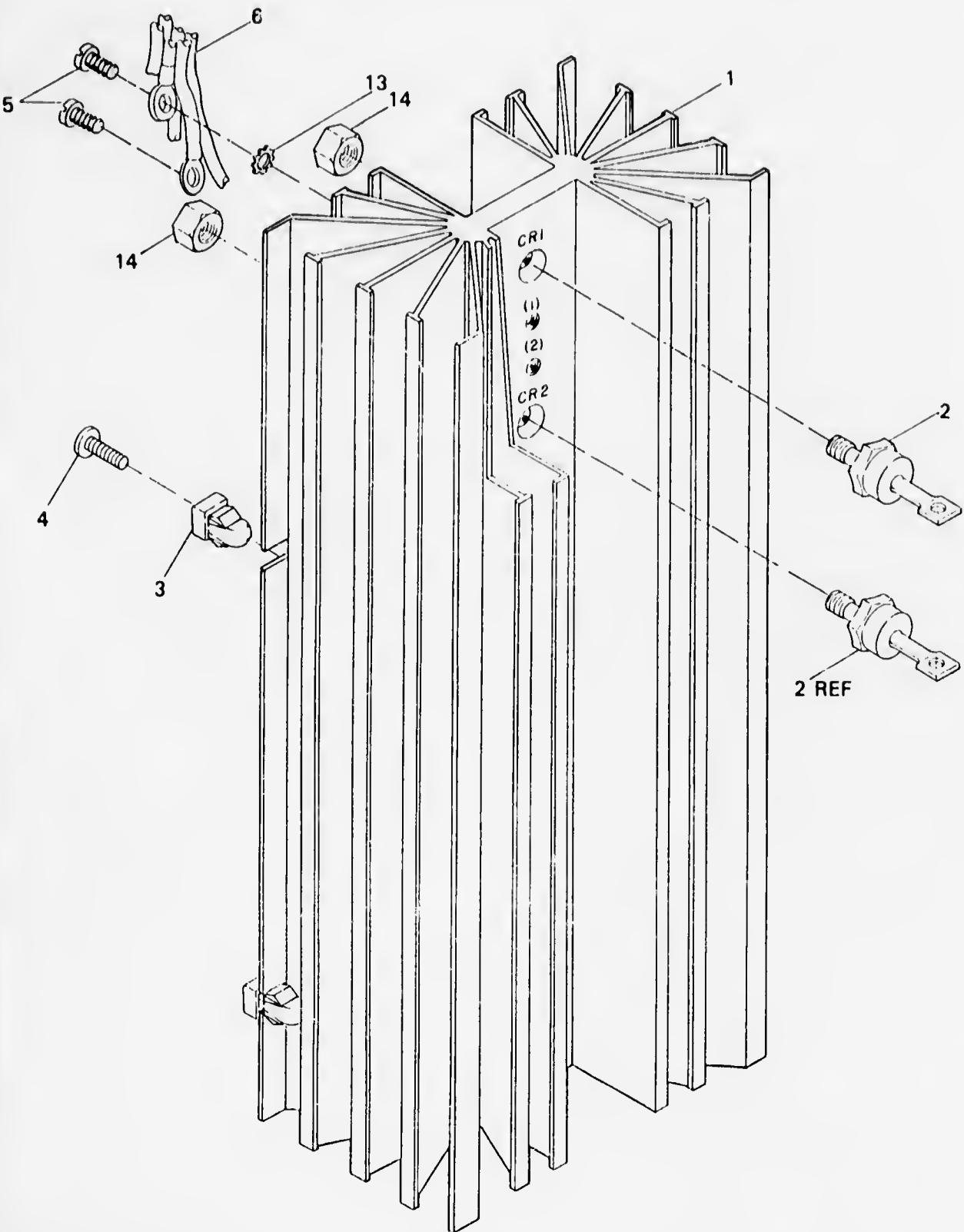
This diagram illustrates the exploded view of a mechanical assembly, likely a control panel or a small enclosure. The components are numbered as follows:

- 1**: Main vertical panel or housing.
- 2**: Small rectangular component, possibly a switch or indicator.
- 3**: Small rectangular component, possibly a switch or indicator.
- 4**: Fan or blower assembly.
- 4 REF**: Reference to part 4.
- 5**: Small circular component, possibly a button or indicator.
- 6**: Small rectangular component, possibly a switch or indicator.
- 7**: Small rectangular component, possibly a switch or indicator.
- 8**: Small rectangular component, possibly a switch or indicator.
- 10**: Two rectangular panels or covers.
- 11**: Two small triangular components, possibly spacers or shims.
- 12**: Door or access panel.
- 13**: Small circular component, possibly a button or indicator.
- 14**: Small rectangular component, possibly a switch or indicator.
- 15**: Two circular components, possibly buttons or indicators.
- 16**: Cylindrical component, possibly a motor or actuator.
- 17**: Small rectangular component, possibly a switch or indicator.
- 18**: Small rectangular component, possibly a switch or indicator.
- 19**: Two circular components, possibly buttons or indicators.
- 20**: Small rectangular component, possibly a switch or indicator.
- 21**: Small rectangular component, possibly a switch or indicator.
- 22**: Small rectangular component, possibly a switch or indicator.
- 23**: Small rectangular component, possibly a switch or indicator.
- 24**: Small rectangular component, possibly a switch or indicator.
- 25**: Small rectangular component, possibly a switch or indicator.
- 26**: Small rectangular component, possibly a switch or indicator.
- 27**: Small rectangular component, possibly a switch or indicator.
- 28**: Two small rectangular components, possibly switches or indicators.
- (C1)**: Label for part 16.
- (C2)**: Label for part 15.
- (C3)**: Label for part 5.
- (R1)**: Label for part 22.
- (R2)**: Label for part 28.

LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
C08-	4764852	REF	POWER SUPPLY ASM, 'B' (MOD 11/13) FOR NEXT HIGHER ASM SEE FRAME 1/B02	
- 1	4764859	(1)	• CHASSIS	
- 2	504870	(1)	• TERMINAL BOARD, 6 POS	
- 3	322065	(4)	• SCREW, MACH-BIND HD 6-32 X .625 LONG	
- 4	4469946	(1)	• HEATSINK, RECTIFIER FOR DETAIL BREAKDOWN SEE FRAME 2/C10	
- 6	1701118	(4)	• CIRCUIT PROTECTOR	
- 7	10170	(10)	• SCREW, MACH-BIND HD 6-32 X .250 LONG	
- 8	4764857	(1)	• BLOCK ASM, TERMINAL	
- 10	4451958	(2)	• COVER, SIDE	
- 11	10170	(4)	• SCREW, MACH-BIND HD 6-32 X .250 LONG	
- 12	4451957	(1)	• COVER, FRONT	
- 13	10170	(2)	• SCREW, MACH-BIND HD 6-32 X .250 LONG	
- 14	332628	(1)	• MARKER STRIP	
- 15	4781542	(3)	• CLAMP ASM, CAPACITOR	
- 16	4430000	(3)	• CAPACITOR, C1-C3	
- 17	55726	(6)	• SCREW, MACH-BIND HD 6-32 X .188 LONG	
- 18	4450214	(3)	• SHIELD ASM, CAPACITOR	
- 19	473442	(3)	• GROMMET STOCK (CATERPILLER)	
- 22	4853904	(3)	• BLEEDER ASM, R1, R2, R3	
- 23	4451935	(1)	• COVER, TOP	
- 24	10170	(2)	• SCREW, MACH-BIND HD 6-32 X .250 LONG	
- 25	4764721	(4)	• JUMPER	
- 26	1580557	(1)	• CIRCUIT PROTECTOR, CPB02	
- 28	4764842	(5)	• JUMPER WIRE FROM C1 (-) TO TB6-1 FROM C2 (+) TO HS1-6 FROM C2 (-) TO TB6-6 FROM C3 (+) TO HS1-5 FROM C3 (-) TO TB6-10	
- 29	4451987	(1)	• CABLE ASM, PSM	
- 30	4451907	(1)	• CABLE ASM, 12V/-5V DC	
- 31	4451982	(1)	• CABLE ASM, 5V TO GATE	
- 32	4451983	(1)	• CABLE ASM	
- 33	4764803	(1)	• CABLE ASM, 5V AC DIST	

END OF ASSEMBLY (EC 328996)

FIGURE 2/C10. HEATSINK ASM, RECTIFIER (MOD 11/13)

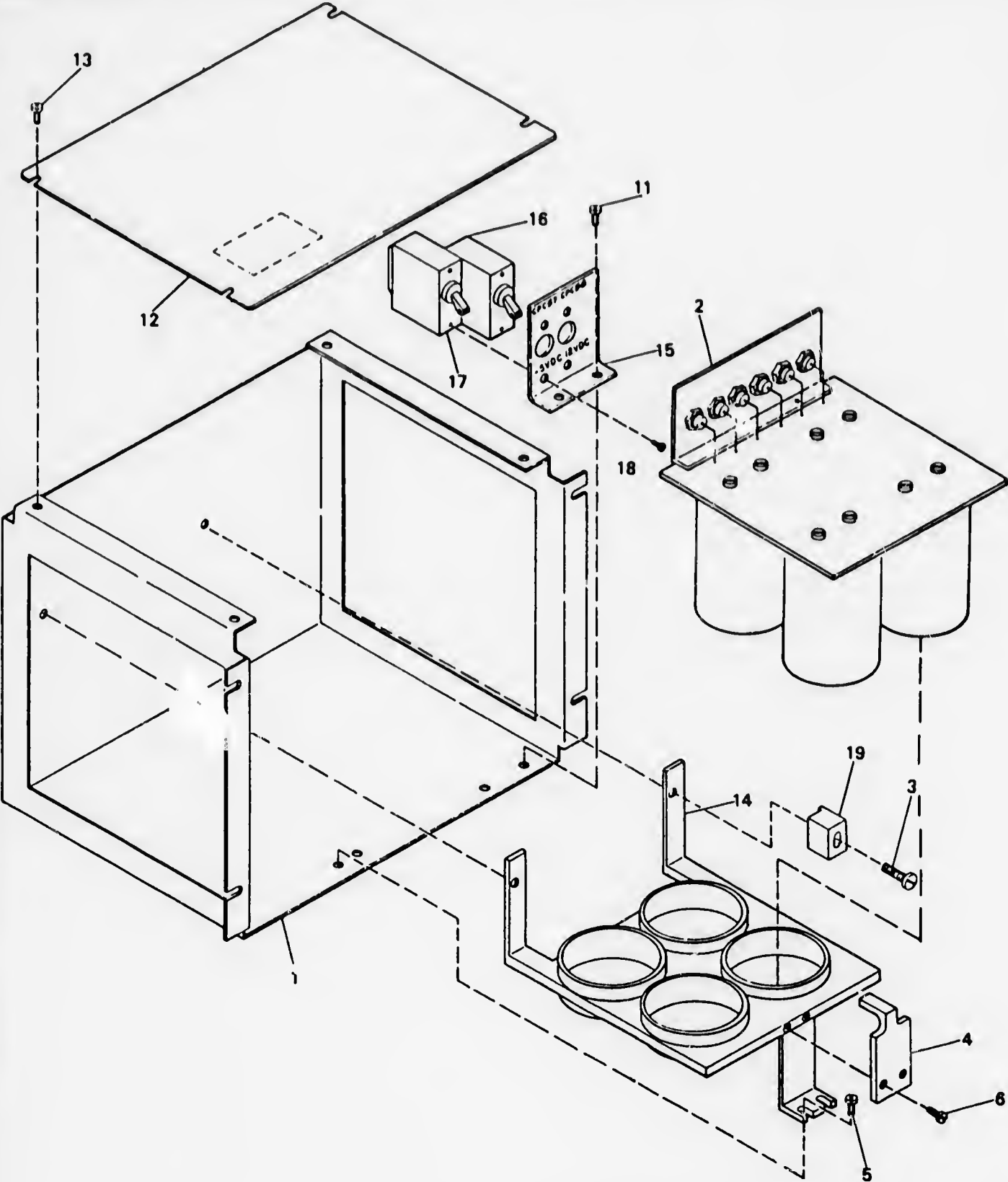


- 7
- 8
- 9
- 10
- 11
- 12

LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
C10-	4469946	REF	HEATSINK ASM, RECTIFIER (MOD 11/13) FOR NEXT HIGHER ASM SEE FRAME 2/C08	
- 1	4451931	(1)	• HEATSINK, LONG	
- 2	1582810	(6)	• RECTIFIER	
- 3	4469955	(4)	• EXPANSION NUT	
- 4	2596312	(4)	• SCREW	
- 5	32617	(6)	• SCREW, MACH-BIND HD 10-32 X .438 LONG	
- 6	4451928	(1)	• CABLE ASM, PWR DISTRIBUTION +5V	
- 7	4469960	(1)	• JUMPER ASM, TO CR1 (A)	
- 8	4469961	(1)	• JUMPER ASM, TO CR2 (A)	
- 9	4469962	(1)	• JUMPER ASM, TO CR3 (A)	
- 10	4469963	(1)	• JUMPER ASM, TO CR4 (A)	
- 11	4469964	(1)	• JUMPER ASM, TO CR5 (A)	
- 12	4469965	(1)	• JUMPER ASM, TO CR6 (A)	
- 13	56079	(6)	• LOCKWASHER, EXT TOOTH .195 ID X .410 OD	
- 14	532333	(6)	• NUT	

END OF ASSEMBLY (EC 847928)

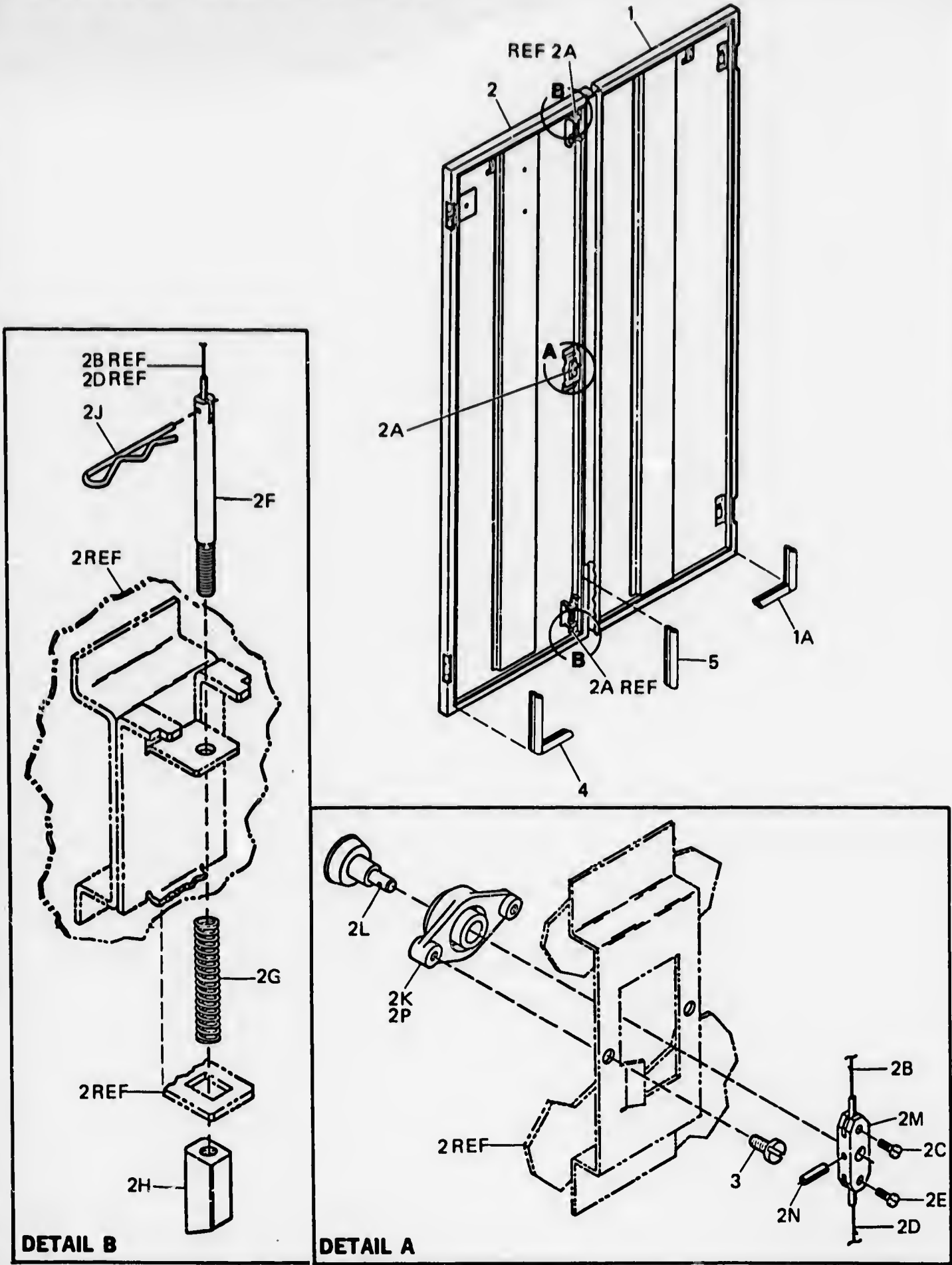
FIGURE 2/C12. DC POWER SUPPLY ASM, 'C' (MOD 11/13)



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
C12-	4470019	REF	DC POWER SUPPLY ASM, 'C' (MOD 11/13) FOR NEXT HIGHER ASM SEE FRAME 1/B02	
- 1	4451936	(1)	• CHASSIS, DC POWER 'C'	
- 2	4853943	(1)	• CARD ASM, DC POWER	
- 3	438569	(2)	• SCREW, MACH-BIND HD 6-32 X 1.250 LONG	
- 4	4469978	(1)	• BRACKET, CAPACITOR MOUNTING	
- 5	38235	(2)	• SCREW, MACH-BIND HD 6-32 X .312 LONG	
- 6	322550	(2)	• SCREW, MACH-BIND HD 6-32 X .500 LONG	
- 11	55726	(2)	• SCREW, MACH-BIND HD 6-32 X .188 LONG	
- 12	4451978	(1)	• COVER, TOP-DC POWER	
- 13	55726	(4)	• SCREW, MACH-BIND HD 6-32 X .188 LONG	
- 14	4469980	(1)	• RETAINER, CAPACITOR	
- 15	4470017	(1)	• MOUNTING BRACKET, CIRCUIT PROTECTOR	
- 16	2601907	(1)	• CIRCUIT PROTECTOR, 7.5A	
- 17	5475834	(1)	• CIRCUIT PROTECTOR, 1.3A	
- 18	55726	(4)	• SCREW, MACH-BIND HD 6-32 X .188 LONG	
- 19	4479301	(2)	• STOP, ADJUSTABLE	

END OF ASSEMBLY (EC 328977)

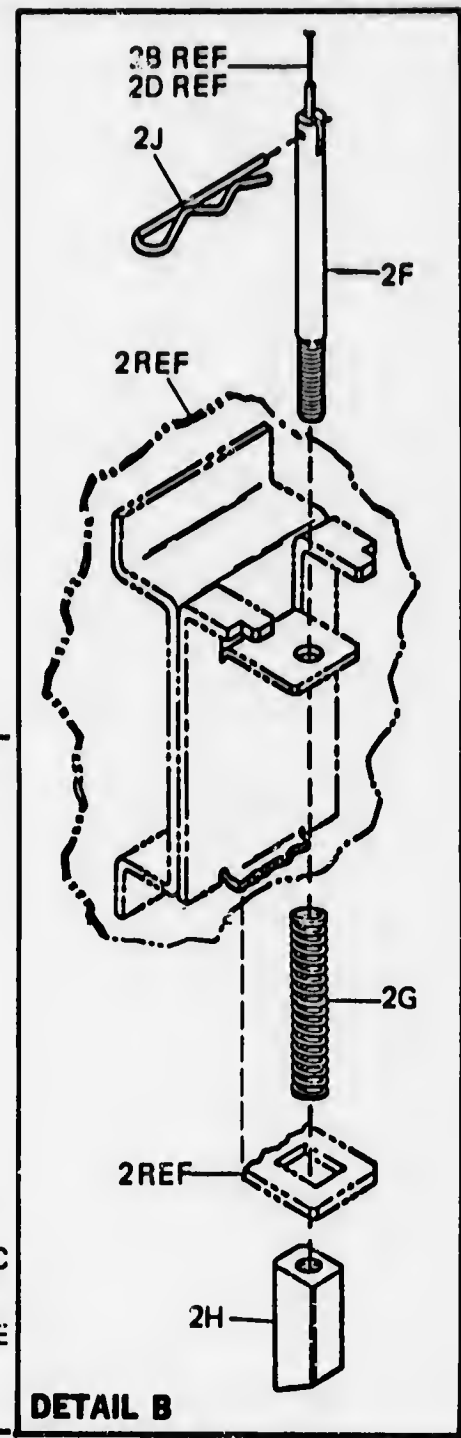
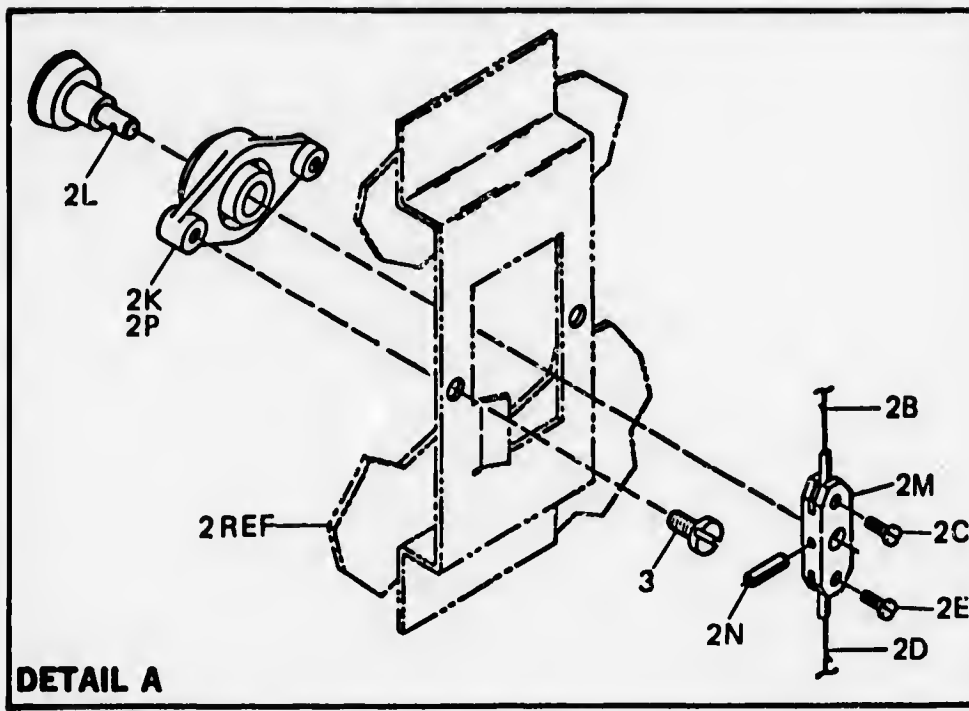
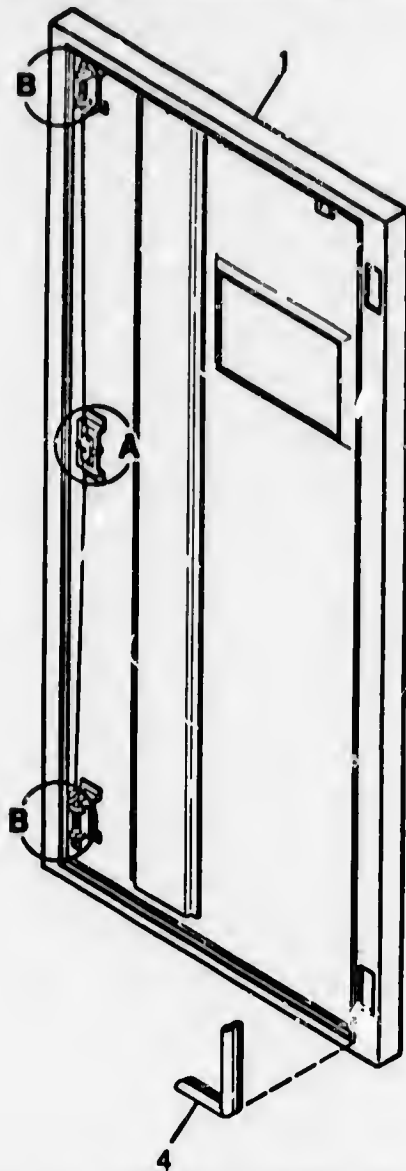
FIGURE 2/C14. COVER KIT, FRONT /REAR



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
C14-	SELECT	HEF	COVER KIT, FRONT/REAR	
.	8499643	REF	COVER KIT, FRONT/REAR (ROSE)	
.	8499644	REF	COVER KIT, FRONT/REAR (BLUE)	
.	8499645	REF	COVER KIT, FRONT/REAR (YELLOW)	
.	8499646	REF	COVER KIT, FRONT/REAR (GREEN)	
.	8499647	REF	COVER KIT, FRONT/REAR (BROWN)	
.	8499648	REF	COVER KIT, FRONT/REAR (GREY)	
			FOR NEXT HIGHER ASM SEE FRAME 1/B06	
- 1	NP	(1)	• COVER ASM, LEFT	
- 1A	4511727	(AR)	• • SEAL (SPECIFY LENGTH)	
- 2	NP	(1)	• COVER ASM, RIGHT FRONT	EC 463051C
- 2A	2264452	(1)	• • LATCH ASM, COVER	EC 463051C
- 2B	8499657	(1)	• • • CABLE, LATCH (UPPER)	
- 2C	1621170	(1)	• • • SCREW, METRIC-SLOT PAN HD M3 X 6MM LONG	
- 2D	8499657	(1)	• • • CABLE, LATCH (LOWER)	
- 2E	1621170	(1)	• • • SCREW, METRIC-SLOT PAN HD M3 X 6MM LONG	
- 2F	8499610	(2)	• • • SHAFT, LATCH	
- 2G	8499611	(2)	• • • SPRING, COMPRESSION	
- 2H	8499658	(2)	• • • LATCH	
- 2J	8499659	(2)	• • • PIN, HITCH	
- 2K	2291528	(1)	• • • ACTUATOR ASM, LATCH	EC 459714
- 2L	8329274	(1)	• • • ACTUATOR	
- 2M	8499612	(1)	• • • ARM, ACTUATOR	
- 2N	1693629	(1)	• • • PIN, ROLL	
- 2P	5584642	(1)	• • • HOUSING, ACTUATOR	
- 3	1621190	(2)	• • SCREW, METRIC-SLOT PAN HD M4 X 8MM LONG	
- 4	4511727	(AR)	• • SEAL (SPECIFY LENGTH)	
- 5	2744604	(AR)	• • SEAL (SPECIFY LENGTH)	

END OF ASSEMBLY (EC 459671B) 8499643 REF

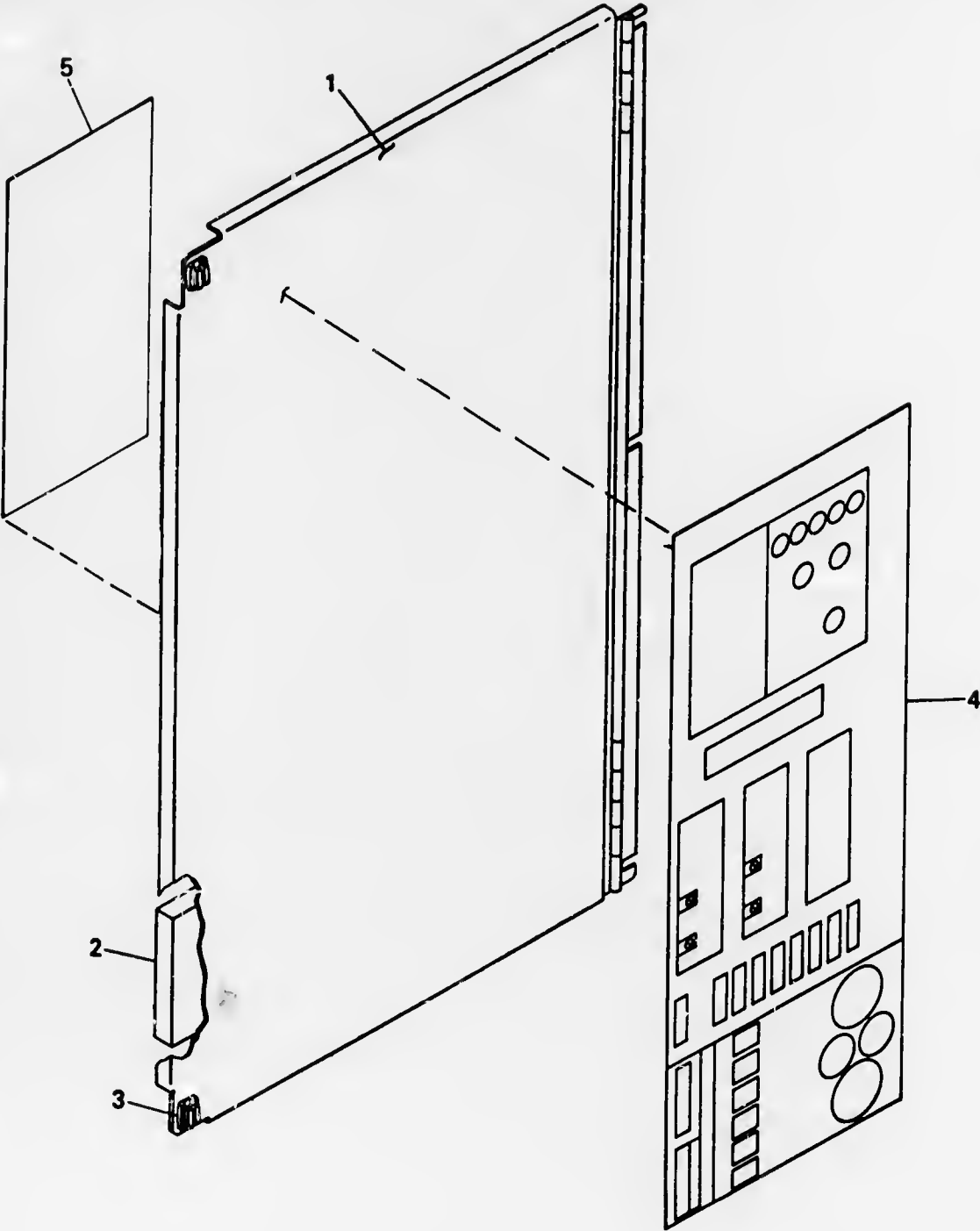
FIGURE 2/C16. COVER ASM, END (RIGHT)



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
C16-	949970	REF	COVER ASM, END (RIGHT) FOR NEXT HIGHER ASM SEE FRAME 1/B06	
- 1	NR	(1)	• COVER, END	
- 2A	2264452	(1)	• LATCH ASM, COVER . . (EC 463051C)	
- 2B	8499657	(1)	• • CABLE, LATCH (UPPER)	
- 2C	1621170	(1)	• • SCREW, METRIC-SLOT PAN HD M3 X 6MM LONG	
- 2D	8499657	(1)	• • CABLE, LATCH (LOWER)	
- 2E	1621170	(1)	• • SCREW, METRIC-SLOT PAN HD M3 X 6MM LONG	
- 2F	8499610	(2)	• • SHAFT, LATCH	
- 2G	8499611	(2)	• • SPRING, COMPRESSION	
- 2H	8499658	(2)	• • LATCH	
- 2J	8499659	(2)	• • PIN, HITCH	
- 2K	2291528	(1)	• • ACTUATOR ASM, LATCH . . (EC 459714)	
- 2L	8329274	(1)	• • • ACTUATOR	
- 2M	8499612	(1)	• • • ARM, ACTUATOR	
- 2N	1693629	(1)	• • • PIN, ROLL	
- 2P	5584642	(1)	• • • HOUSING, ACTUATOR	
- 3	1621190	(2)	• SCREW, METRIC-SLOT PAN HD M4 X 8MM LONG	
- 4	4511727	(AR)	• SEAL (SPECIFY LENGTH)	

END OF ASSEMBLY (EC 459714)

FIGURE 2/B02. COVER ASM, REGULATOR



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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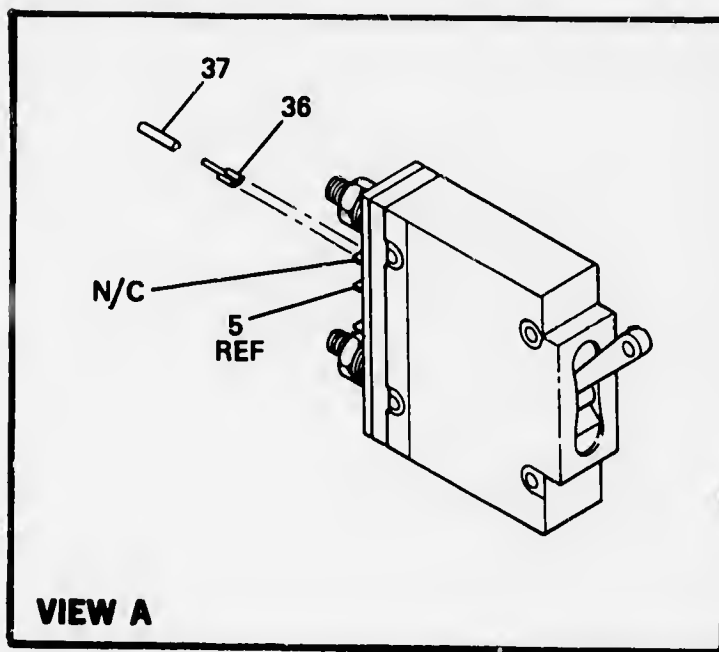
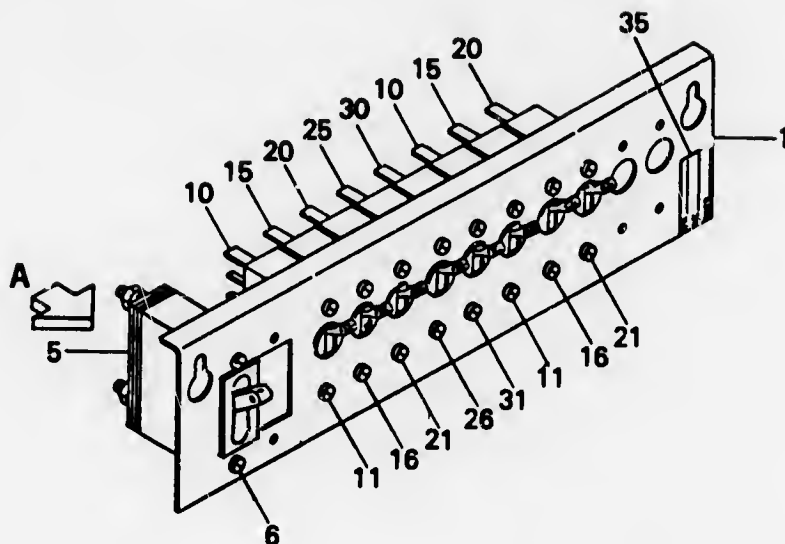
NOTE A USED ON MACHINES WITH HDSCS

NOTE B USED ON MACHINES W/O HDSCS

B02-	SELECT	REF	COVER ASM, REGULATOR	
-	8499088	REF	COVER ASM, REGULATOR (1, 2, 4 CHANNEL)	A
-	2314685	REF	COVER ASM, REGULATOR (1, 2, 4 CHANNEL)	B
-	8499138	REF	COVER ASM, REGULATOR (8 CHANNEL)	A
-	2314683	REF	COVER ASM, REGULATOR (8 CHANNEL)	B
			FOR NEXT HIGHER ASM SEE FRAME 1/C02	
- 1	4797191	(1)	• COVER, REGULATOR	
- 2	4797192	(2)	• PAD, COVER	
- 3	4511405	(2)	• LATCH, COVER	
			WHEN INSTALLING LATCHES, ASSURE THAT SLOT OF LATCH IS IN VERTICAL POSITION AS INDICATED.	
- 4	8499089	(1)	• LABEL, 1, 2, 4 CHANNEL	A
- 4	2314682	(1)	• LABEL, 1, 2, 4 CHANNEL	B
- 4	8499137	(1)	• LABEL, 8 CHANNEL	A
- 4	2314680	(1)	• LABEL, 8 CHANNEL	B
- 5	8499130	(1)	• LABEL	A
- 5	2342943	(1)	• LABEL	B

END OF ASSEMBLY (EC 462878) 2314685 REF

FIGURE 2/B04. PANEL ASM, CIRCUIT PROTECTOR



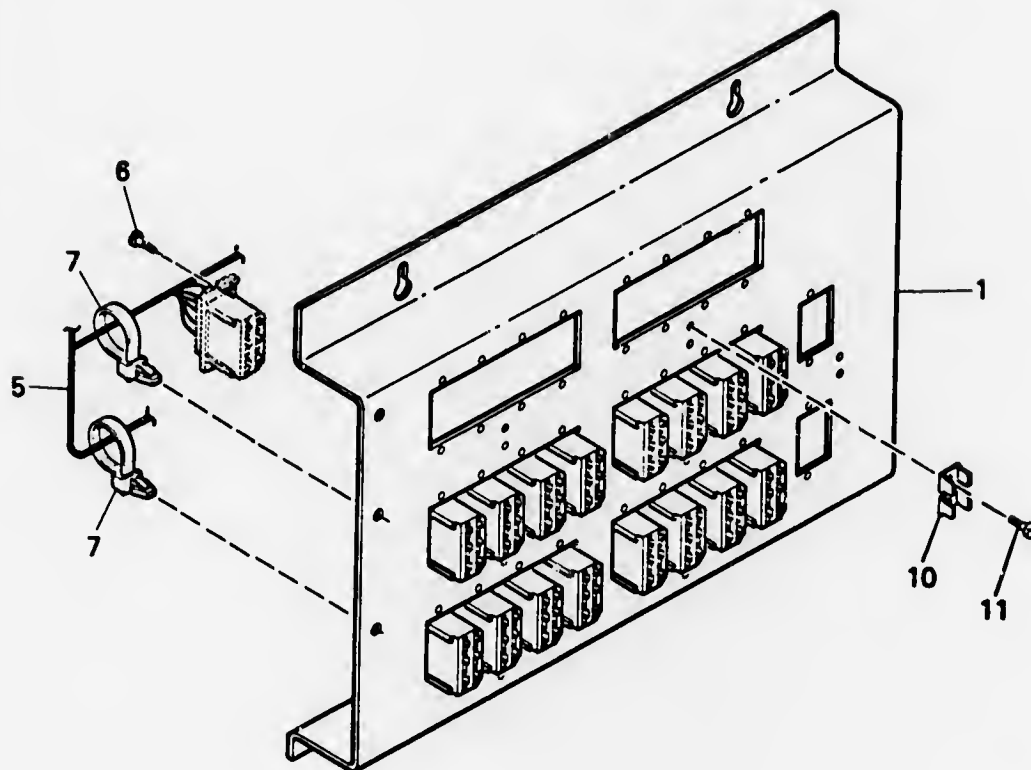
LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE A USED ON MACHINES WITH HDSCS
NOTE B USED ON (1, 2, 4 CHANNEL) W/O HDSCS
NOTE C USED ON MODEL 4
NOTE D USED ON (8 CHANNEL) W/O HDSCS

B04-	SELECT	REF	PANEL ASM, CIRCUIT PROTECTOR	
-	8499136	REF	PANEL ASM, CIRCUIT PROTECTOR	A
-	4797646	REF	PANEL ASM, CIRCUIT PROTECTOR (1, 2, 4 CHANNEL)	B
-	2314815	REF	PANEL ASM, CIRCUIT PROTECTOR (8 CHANNEL)	D
			FOR NEXT HIGHER ASM SEE FRAME 1/C04	
- 1	8499140	(1)	• PANEL, CIRCUIT PROTECTOR	A, C
- 1	4797644	(1)	• PANEL, CIRCUIT PROTECTOR	B, D
- 5	2679477	(1)	• CIRCUIT PROTECTOR, 5V (CP 201)	A, C, D
- 5	2349679	(1)	• CIRCUIT PROTECTOR, 5V (CP 201)	B
- 6	55726	(2)	• SCREW, MACH-BIND HD 6-32 X .188 LONG	
- 10	2302309	(2)	• CIRCUIT PROTECTOR, 6V (CP 203, CP 208)	A, B, D
- 10	2302309	(1)	• CIRCUIT PROTECTOR, 6V (CP 203)	C
- 11	55726	(AR)	• SCREW, MACH-BIND HD 6-32 X .188 LONG	
- 15	2601907	(2)	• CIRCUIT PROTECTOR, 7.25V (CP 204, CP 209)	B, D
- 16	55726	(4)	• SCREW, MACH-BIND HD 6-32 X .188 LONG	B, D
- 20	4299567	(2)	• CIRCUIT PROTECTOR, -5V (CP 205, CP 210)	A, B, D
- 20	4299567	(1)	• CIRCUIT PROTECTOR, -5V (CP 205)	C
- 21	55726	(AR)	• SCREW, MACH-BIND HD 6-32 X .188 LONG	
- 25	2274370	(1)	• CIRCUIT BREAKER, 2 AMP 50V (CP206)	
- 26	55726	(2)	• SCREW, MACH-BIND HD 6-32 X .188 LONG	
- 30	2310707	(1)	• CIRCUIT PROTECTOR, -1.5V (CP 207)	
- 31	55726	(2)	• SCREW, MACH-BIND HD 6-32 X .188 LONG	
- 35	2749390	(1)	• LABEL, EC	
- 36	2158688	(1)	• TERMINAL, QUICK DISCONNECT INS 20-18 AWG	
- 37	2155702	(1)	• TUBING SHRINK	

END OF ASSEMBLY (EC 462878)

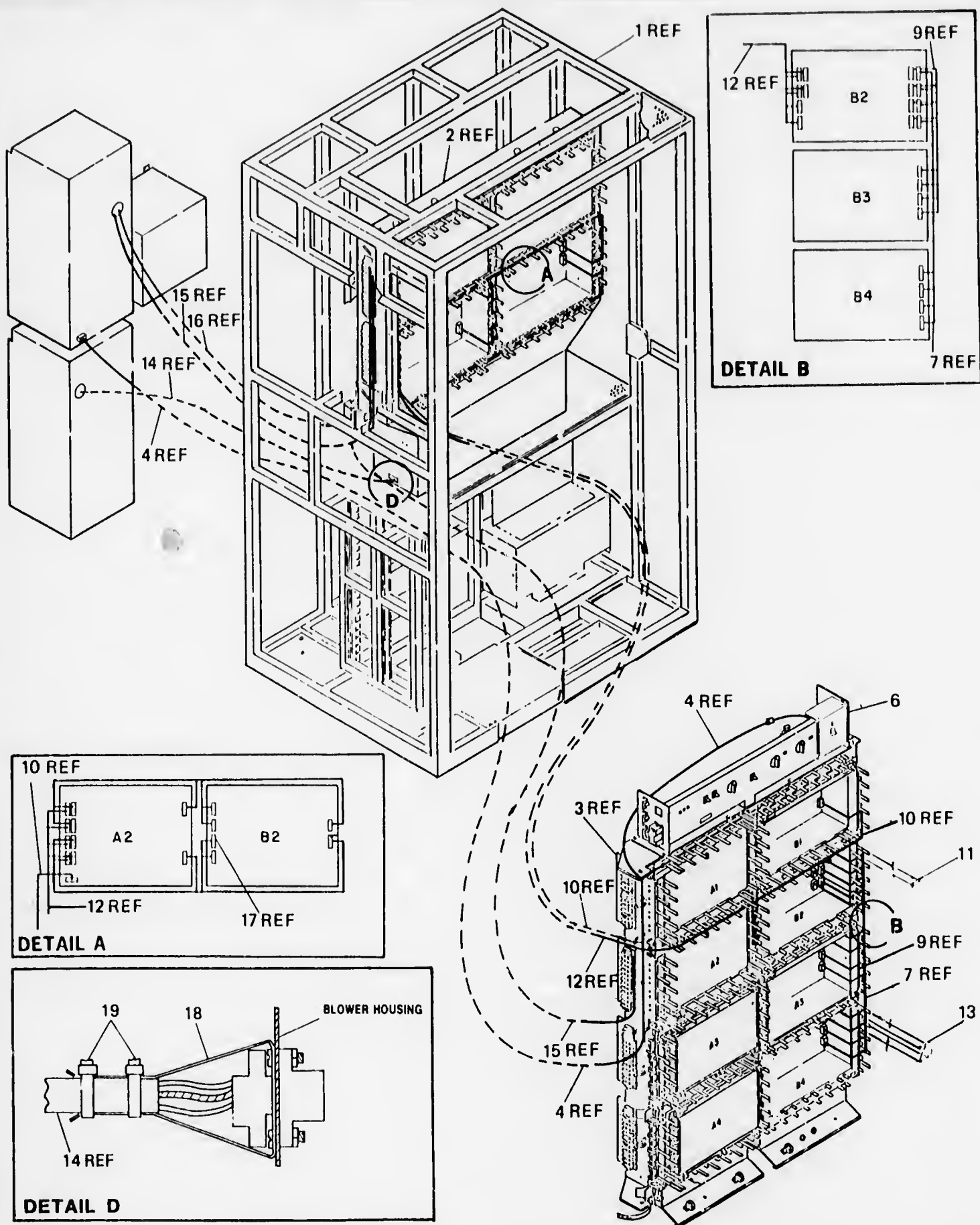
FIGURE 2/B06. PANEL ASM, CONNECTOR



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
B06-	2346592	REF	PANEL ASM, CONNECTOR FOR NEXT HIGHER ASM SEE FRAME 1/C04	
- 1	2346501	(1)	• PANEL, CONNECTOR	
- 5	4797514	(1)	• CABLE ASM, CONN PNL TO DEV AND CPC CARD	
- 6	1621845	(32)	• SCREW, METRIC-THD FORM SLOT PAN HD M3 X 8MM LG	
- 7	2282931	(2)	• TIE, CABLE	
- 10	838164	(6)	• TERMINAL, 4 POS	
- 11	1621845	(12)	• SCREW, METRIC-THD FORM SLOT PAN HD M3 X 8MM LG	

END OF ASSEMBLY (EC 462B57B)

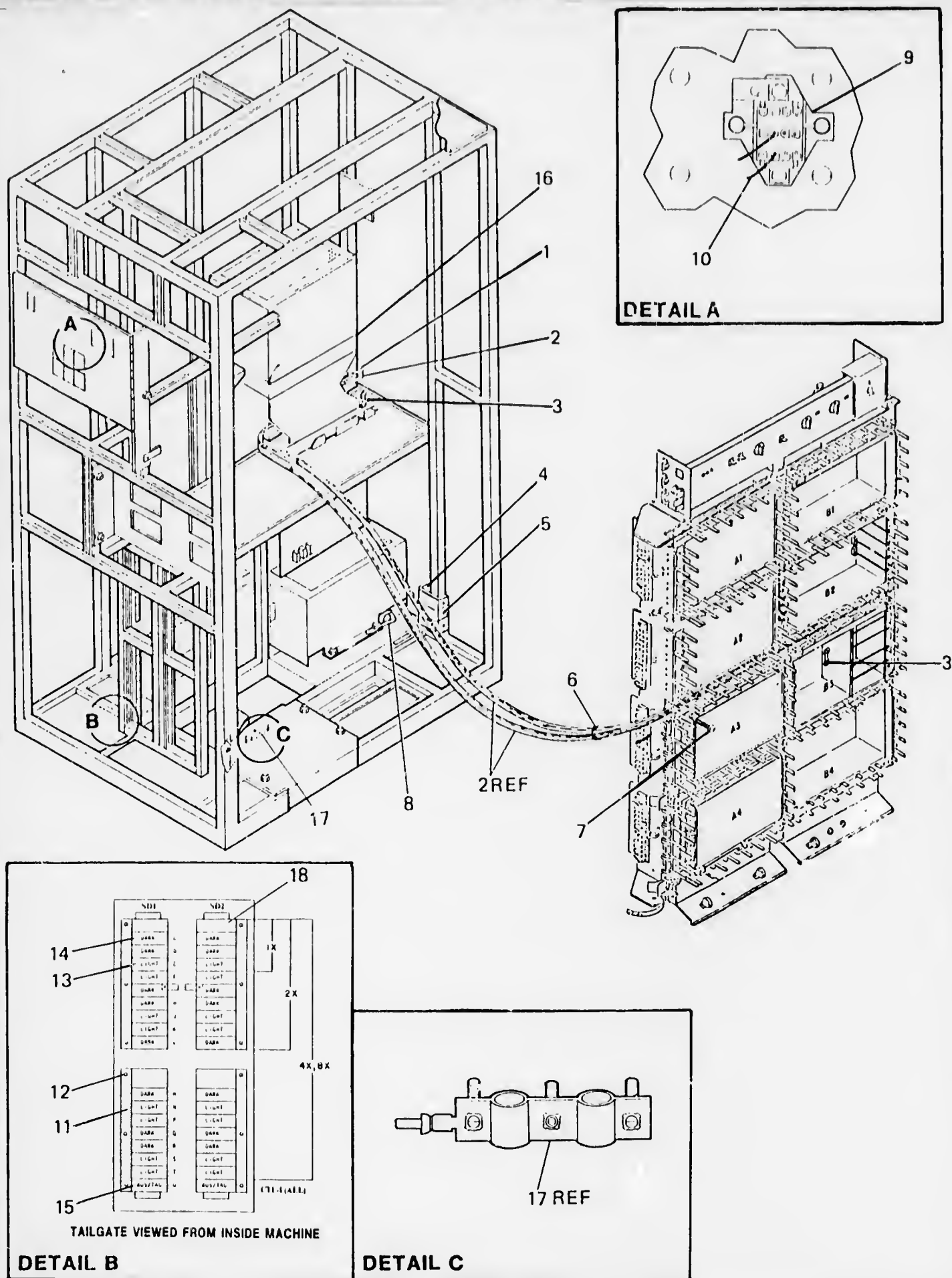
FIGURE 2/B08. CABLE ROUTING, MOD 11



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
B08-	NR	REF	CABLE ROUTING, MOD 11 FOR NEXT HIGHER ASM SEE FRAME 1/B02	
- 1	NR	REF	• FINAL ASM, READ/WRITE AND CHANNEL LABEL VIEW FOR DETAIL BREAKDOWN SEE FRAME 1/B10	
- 2	NR	REF	• GATE ASM, 'B' LOGIC FOR DETAIL BREAKDOWN SEE FRAME 2/B16	
- 3	NR	REF	• GATE ASM, 'A' LOGIC FOR DETAIL BREAKDOWN SEE FRAME 2/B12	
- 4	4781541	(1)	• CABLE ASM	
- 6	4469951	REF	• SUB-PANEL PWR FOR DETAIL BREAK DOWN SEE FRAME 2/B12	
- 7	4450217	(4)	• CABLE GROUP	
- 9	4450216	(4)	• CABLE GROUP	
- 10	4469947	REF	• CABLE ASM	
- 11	811427	(20)	• STRAP	
- 12	4479205	(6)	• CABLE ASM	
- 13	813519	(4)	• RETAINER	
- 14	4451980	(1)	• CABLE ASM, 'A' PWR SPLY	
- 15	4451982	(1)	• CABLE ASM	
- 16	4451983	(1)	• CABLE ASM	
- 17	4479206	(6)	• CABLE ASM	
- 18	4853908	(1)	• CLAMP, BLOWER	
- 19	1159519	(2)	• TIE, CABLE (152.4 MM LG)	
- 20	1622402	(1)	• NUT, METRIC HEX M3.5 DOUBLE CHAMFER	

END OF ASSEMBLY (EC 328957) 4451943 REF

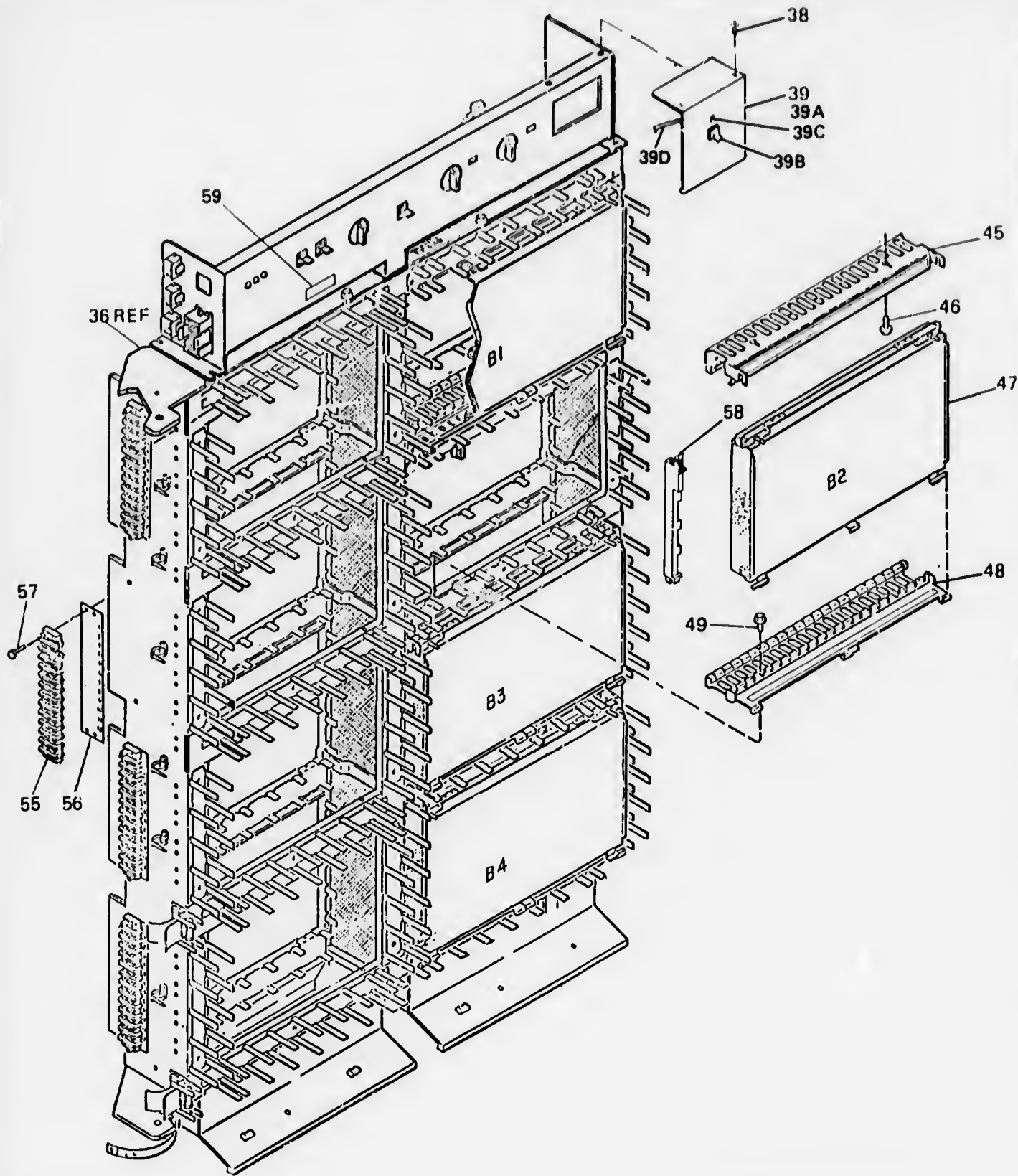
FIGURE 2/B10. CABLE ROUTING, MOD 13 DUAL FRAME



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
B10-	NR	REF	CABLE ROUTING, MOD 13 DUAL FRAME FOR NEXT HIGHER ASM SEE FRAME 1/B02	
- 1	2590011	(1)	• RACEWAY	
- 2	6446812	(4)	• CABLES, SD2 18FT	
- 3	811427	(12)	• STRAP, CABLE	
- 4	4853929	(1)	• BLOCK SPACER, DFC	
- 5	4781554	(3)	• CLAMP, QUAD	
- 6	1159519	(18)	• TIE, CABLE (152.4 MM LG)	
- 7	815175	(2)	• SCREW, CAP-HEX SOC HD 8-32 X 2.250 LONG	
- 8	4853915	(1)	• STRAP, GRD	
- 9	4764875	(1)	• SWITCH	
- 10	4479298	(1)	• CABLE, ASM	
- 11	949911	(2)	• BAR ASM	
- 12	1621811	(6)	• SCREW	
- 13	1555966	(16)	• CONNECTOR ASM, LIGHT GREY	
- 14	1555968	(16)	• CONNECTOR ASM, DARK GREY	
- 15	4796905	(4)	• CONNECTOR ASM, CTL-I	
- 16	6499977	(1)	• RFI SCREEN	
- 17	6499979	(1)	• CLAMP ASM	
- 18	8433040	(2)	• FILLER, BLOCK . . . (USED ON EMEA ONLY)	

END OF ASSEMBLY (EC 328966A) 4451943 REF

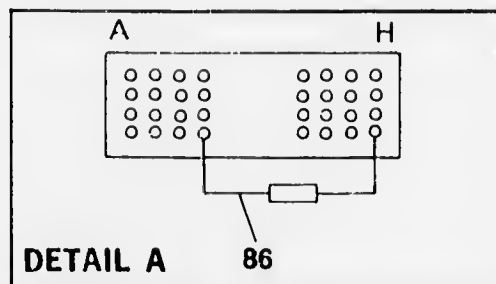
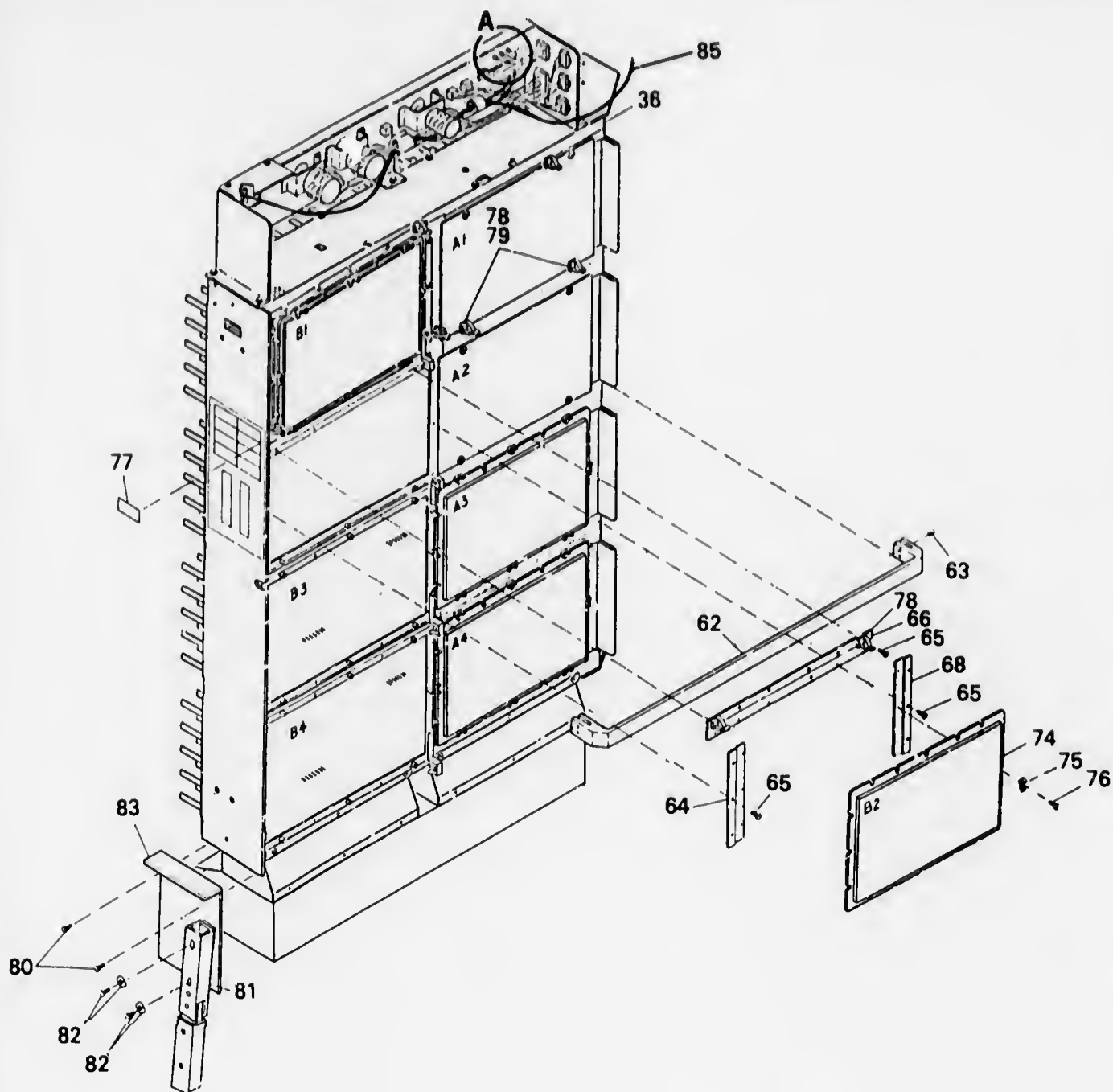
FIGURE 2/B12. GATE ASM, 'A' LOGIC (MOD 11/13) SHT 1 OF 2



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
B12-	NR	REF	GATE ASM, 'A' LOGIC (MOD 11/13). SHT 1 OF 2 FOR NEXT HIGHER ASM. SEE FRAME 1/B02	
- 36	NR	REF	• GATE ASM, 'A' BASIC FOR DETAIL BREAK DOWN SEE FRAME 1/C08 THRU 90	
- 38	1621171	(2)	• SCREW, METRIC-SLOT PAN HD M3 X 8MM LONG	
- 39	4469951	(1)	• PANEL ASM, POWER	
- 39A	4469950	(1)	• • PLATE, POWER PANEL	
- 39B	4797273	(1)	• • SWITCH, TOGGLE	
- 39C	2744256	(1)	• • KIT, LED MOUNTING	
- 39D	4469966	(1)	• • CABLE ASM	
- 45	4764885	(1)	• GUIDE, UPPER ASM	
- 46	2342737	(2)	• SCREW	
- 47	2342744	(1)	• COVER ASM	
- 48	4764886	(1)	• GUIDE, LOWER ASM	
- 49	2342737	(2)	• SCREW	
- 55	4479214	(1)	• BLOCK ASM, TERMINAL (GTB2)	
- 56	510638	(1)	• INSULATOR, FIBER 1-1/2 X 1/32 X 7-3/4 LONG	
- 57	1621813	(2)	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 16MM LG	
- 58	4139583	(2)	• BRACKET, INTERMIX	
- 59	4853914	(1)	• LABEL, CACHE POWER	

END OF SHEET 1 OF 2 (EC 328957A) 4451942 REF

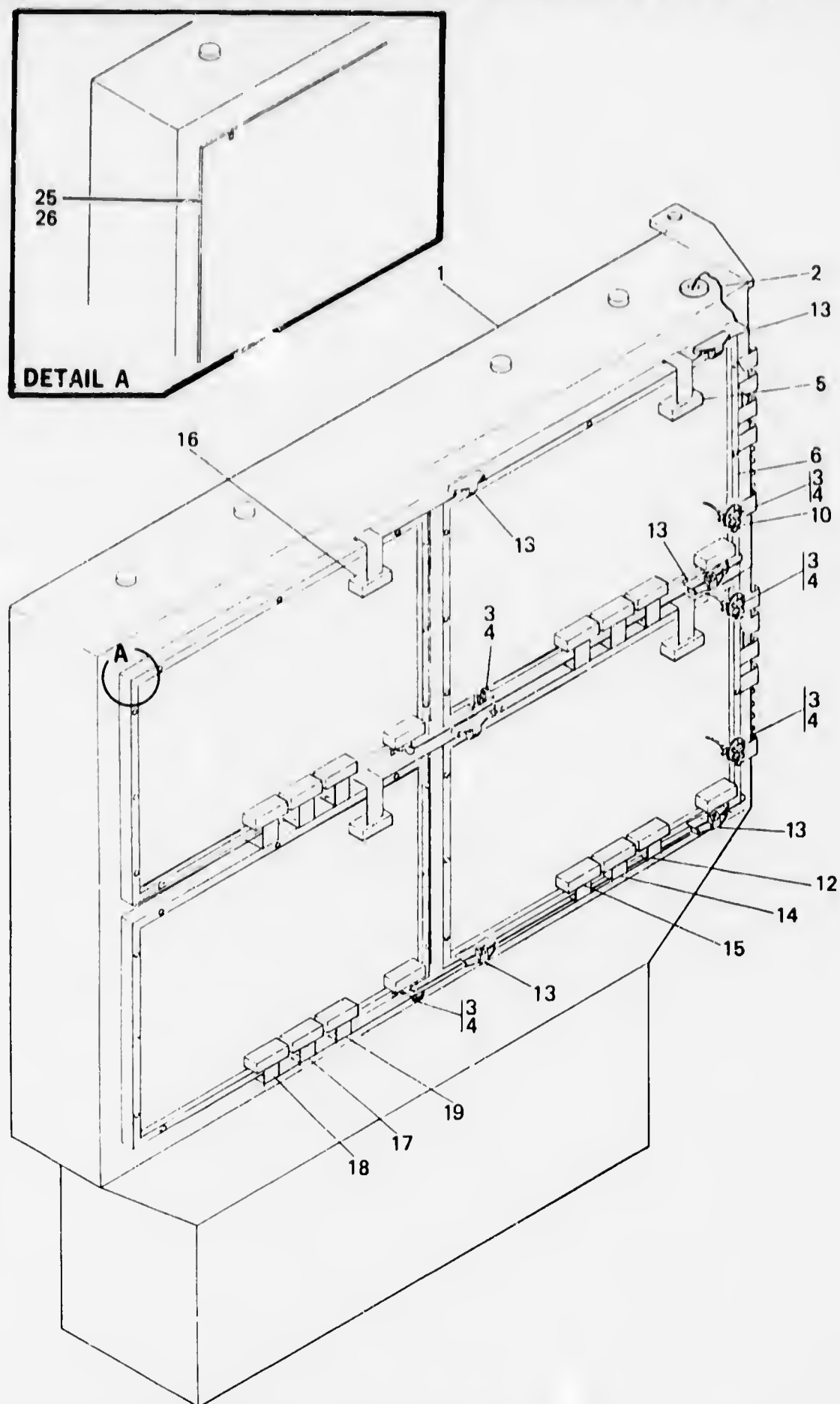
FIGURE 2/B14. GATE ASM, 'A' LOGIC (MOD 11/13) SHT 2 OF 2



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
B14-	NR	REF	GATE ASM, 'A' LOGIC MOD 11/13 SHT 2 OF 2 FOR NEXT HIGHER ASM SEE FRAME 1/B02	
- 36	NR	REF	• GATE ASM, LOGIC	
- 62	4764712	(1)	• STOP, GATE	
- 63	1621730	(8)	• SETSCREW, METRIC-HEX SOC HD CP M6 X 8MM LONG	
- 64	2342759	(1)	• ADAPTER, LEFT	
- 65	2181005	(11)	• SCREW, THD FORM-HEX WSHR HD 6-32 X .375 LONG	
- 66	2342757	(1)	• ADAPTER, TOP	
- 68	2342758	(1)	• ADAPTER, RIGHT	
- 74	4756786	(1)	• BOARD ASM	
- 75	813179	(12)	• CLAMP, BOARD	
- 76	811417	(12)	• SCREW, THD FORM-HEX SOC HD 6-32 X .500 LONG	
- 77	4764791	(1)	• LABEL	
- 78	533782	(4)	• ANCHOR-TIE	
- 78	1159913	(4)	• CLAMP	
- 79	2181005	(2)	• SCREW, THD FORM-HEX WSHR HD 6-32 X .375 LONG	
- 80	2760193	REF	• SCREW, METRIC THD FORM HEX HD M5	
- 81	4781543	(1)	• FOOT	
- 82	2125656	(2)	• LOCKWASHER, .261 ID X .875 OD X .040 THICK	
- 82	1621600	(2)	• SCREW, METRIC-CAP HEX HD M6 X 35MM LONG	
- 83	4781544	(AR)	• ADAPTER, PLATE A	
- 83	4781545	(1)	• ADAPTER, PLATE B	
- 83	1621730	(4)	• SETSCREW, METRIC-HEX SOC HD CP M6 X 8MM LONG	
- 85	4479249	(1)	• CABLE ASM	
- 86	4797387	(1)	• JUMPER ASM	

END OF ASSEMBLY (EC 328957A) 4551942 REF

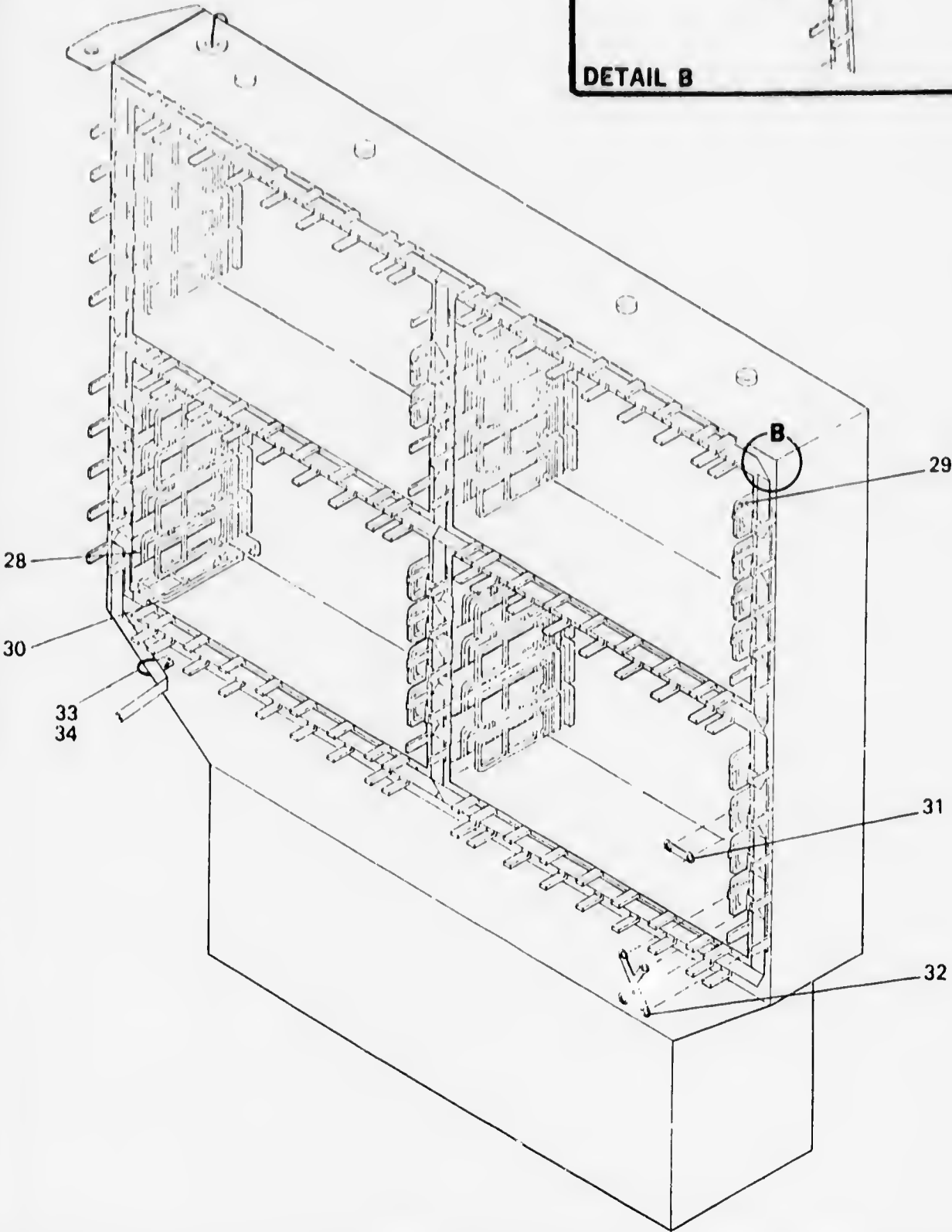
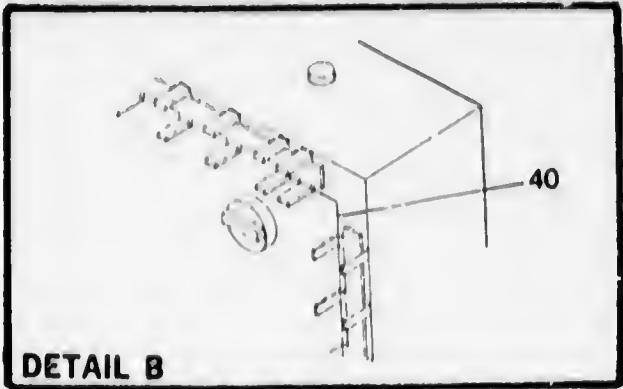
FIGURE 2/B16. GATE ASM. 'B' LOGIC (4/8MB) MOD 11/13 (SHT 1 OF 2)



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
NOTE A USED ON 4MR				
NOTE B USED ON 8MB				
B16-	SELECT	REF	GATE ASM, 'B' LOGIC (4/8MB) MOD 11/13 SHT 1 OF 2 FOR NEXT HIGHER ASM SEE FRAME 1/B02	
- 1	NR	REF	• GATE ASM, BASIC (22 POS) FOR DETAIL BREAKDOWN SEE FRAME 2/C02	
- 2	4479250	(1)	• CABLE ASM, A FROM O1BG TB9-9 TO O1BA2ZA FROM O1BB2ZA TO O1BA2ZA	
- 3	533782	(5)	• ANCHOR A	
- 4	1159913	(5)	• TIE, CABLE A	
- 5	4479252	(1)	• CABLE ASM, FDS. A FROM O1BG TB8-1, 2 TO O1BA2YB	
- 5	4479252	(1)	• CABLE ASM, FDS. B FROM O1BG TB9-1, 2 TO O1BA2YB	
- 6	4479204	(2)	• MEMORY BOARD, BOTTOM A	
- 6	4479204	(2)	• MEMORY BOARD, TOP B	
- 10	1621809	(20)	• SCREW, METRIC-THD FORM HEX WSHR HD M3.5 X 25MM LG A	
- 10	1621809	(22)	• SCREW, METRIC-THD FORM HEX WSHR HD M3.5 X 25MM LG B	
- 12	4479251	(1)	• CABLE ASM, FDS. A FROM O1BG TB8-12, 14 TO O1BA2ZC	
- 12	4479251	(1)	• CABLE ASM, FDS. B FROM O1BG TB9-12, 14 TO O1BA2ZC	
- 13	819789	(4)	• BRACKET, CONDUCTOR MOUNTING. A	
- 13	819789	(2)	• BRACKET, CONDUCTOR MOUNTING. B	
- 13	1621809	(4)	• SCREW, METRIC-THD FORM SLOT PAN HD M3.5 25MM LG. A	
- 13	1621809	(2)	• SCREW, METRIC-THD FORM SLOT PAN HD M3.5 25MM LG. B	
- 14	4479253	(1)	• CABLE ASM, FDS. A FROM O1BG TB8-5, 6 TO O1BA2ZD	
- 14	4479253	(1)	• CABLE ASM, FDS. B FROM O1BG TB9-5, 6 TO O1BA2ZD	
- 15	4479254	(1)	• CABLE ASM, FDS. A FROM O1BG TB8-5, 6 TO O1BA2ZE	
- 15	4479254	(1)	• CABLE ASM, FDS. B FROM O1BG TB9-5, 6 TO O1BA2ZE	
- 16	4479255	(1)	• CABLE ASM, FDS. A FROM O1BG TB8-3, 4 TO O1BA2ZB	
- 16	4479255	(1)	• CABLE ASM, FDS. B FROM O1BG TB9-3, 4 TO O1BA2ZB	
- 17	4479257	(1)	• CABLE ASM, FDS. A FROM O1BG TB8-7, 8 TO O1BA2ZD	
- 17	4479257	(1)	• CABLE ASM, FDS. B FROM O1BG TB9-7, 8 TO O1BA2ZD	
- 18	4479258	(1)	• CABLE ASM, FDS. A FROM O1BG TB8-7, 8 TO O1BA2ZE	
- 18	4479258	(1)	• CABLE ASM, FDS. B FROM O1BG TB9-7, 8 TO O1BA2ZE	
- 19	4479256	(1)	• CABLE ASM, FDS. A FROM O1BG TB8-13, 14 TO O1BA2ZC	
- 19	4479256	(1)	• CABLE ASM, FDS. B FROM O1BG TB9-13, 14 TO O1BA2ZC	
- 25	2342754	REF	• COVER, DUMMY (TOP). A	
- 26	1621807	REF	• SCREW, METRIC-THD FORM HEX WSHR HD M3.5 X 10MM LG A	

END OF SHEET 1 OF 2 (EC 328957A) 4451963 REF

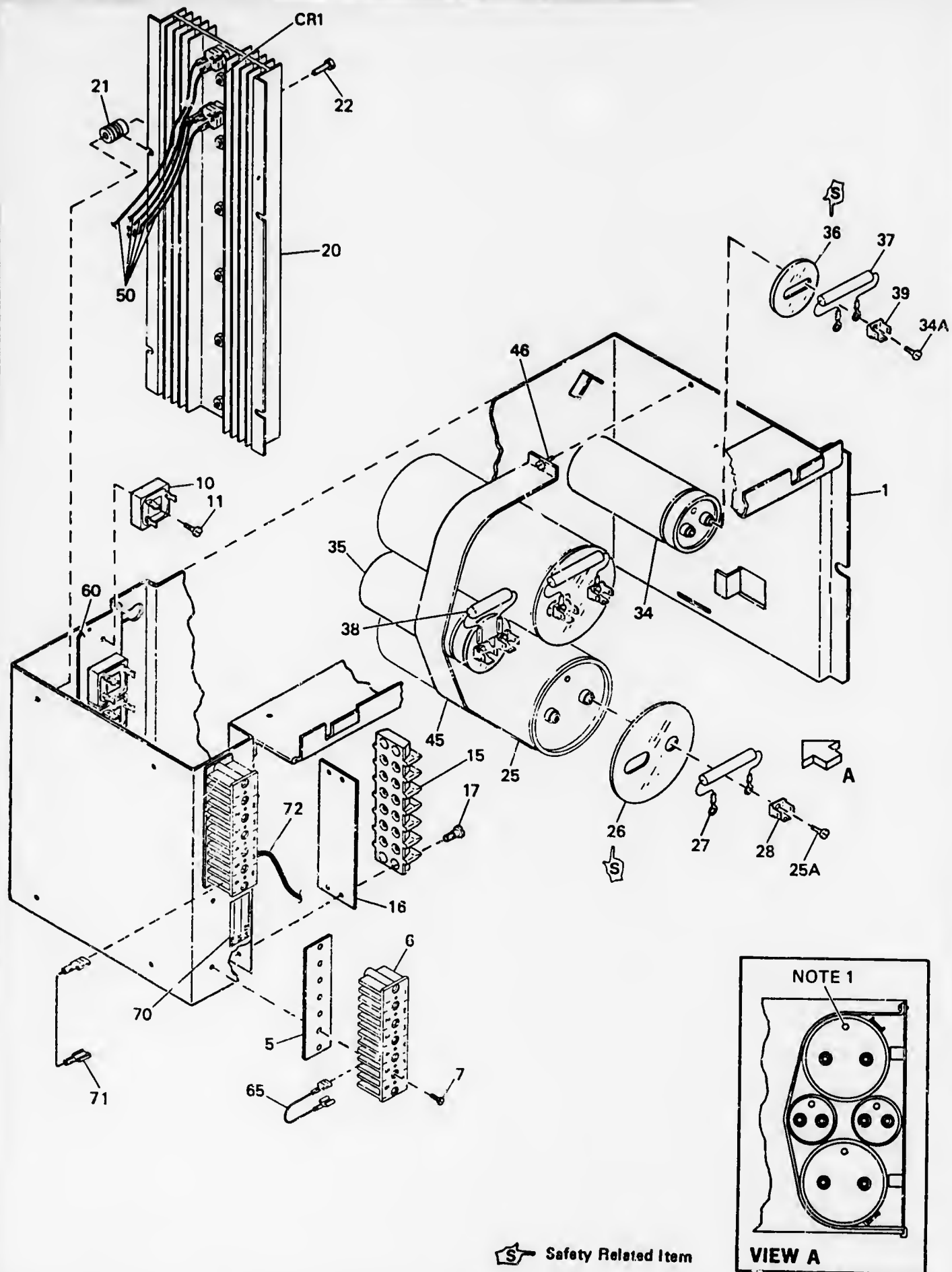
FIGURE 2/B18. GATE ASM, 'B' LOGIC (4/8MB) MOD 11/13 (SHT 2 OF 2)



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
NOTE A USED ON 4MB				
NOTE B USED ON 8MB				
B18-	NR	REF	GATE ASM, 'B' LOGIC (4/8MB) MOD 11/13	SHT 2 OF 2
			FOR NEXT HIGHER ASM SEE FRAME 1/B02	
- 28	4479205	(6)	• CABLE ASM.	A
			FROM 01BA2B2 TO 01AB2B2	
			FROM 01BA2B3 TO 01AB2A2	
			FROM 01BA2B4 TO 01AB2A3	
			FROM 01BA2B5 TO 01AB2B3	
			FROM 01BA2X3 TO 01AB2A4	
			FROM 01BA2X4 TO 01AB2A5	
- 29	4479206	(6)	• CABLE ASM.	A
			FROM 01BA2B2 TO 01BB2A2	
			FROM 01BA2B3 TO 01BB2A3	
			FROM 01BA2B4 TO 01BB2A4	
			FROM 01BA2B5 TO 01BB2A5	
			FROM 01BA2X2 TO 01BB2X3	
			FROM 01BA2X5 TO 01BB2X4	
- 29	4479206	(12)	• CABLE ASM.	B
			FROM 01BB2B2 TO 01BB1A2	
			FROM 01BB2B3 TO 01BB1A3	
			FROM 01BB2B4 TO 01BB1A4	
			FROM 01BB2B5 TO 01BB1A5	
			FROM 01BB2X2 TO 01BB1X3	
			FROM 01BB2X5 TO 01BB1X4	
			FROM 01BB1B2 TO 01BA1A2	
			FROM 01BB1B3 TO 01BA2A3	
			FROM 01BB1B4 TO 01BA2A4	
			FROM 01BB1B5 TO 01BA2A5	
			FROM 01BB1X2 TO 01BA2X3	
			FROM 01BB1X5 TO 01BA2X4	
- 30	4469947	(1)	• CABLE ASM.	A
			FROM 01AB1V5 TO 01BA2ZA	
- 31	811427	(18)	• STRAP.	A
- 31	311427	(14)	• STRAP.	B
- 32	813519	(4)	• RETAINER.	A
- 32	813519	(4)	• RETAINER.	B
- 33	533782	(1)	• ANCHOR	A
- 33	1621807	(1)	• SCREW, METRIC-THD FORM HEX WSHR HD M3.5 X 10MM LG	A
- 34	1159519	(1)	• TIE, CABLE (152.4 MM LG)	A
- 40	4781557	REF	• COVER, BLANK (TOP)	A

END OF ASSEMBLY (EC 328957A) 4451963 REF

FIGURE 2/A04. POWER SUPPLY ASM, BULK (8 CHANNEL)



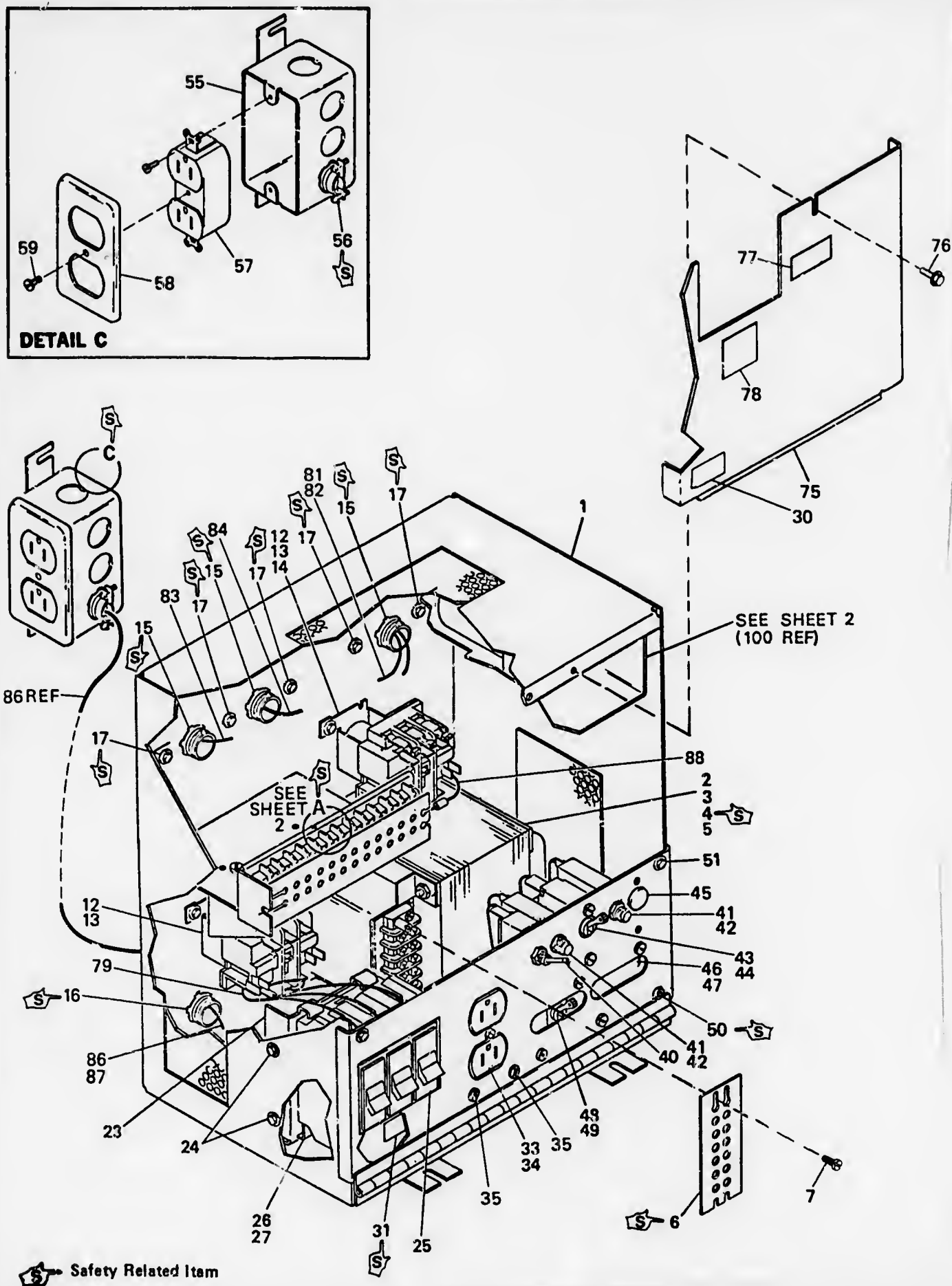
LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE 1 INSTALL WITH VENT HOLE UP
NOTE A USED ON MACHINES WITH HDSCS
NOTE B USED ON MACHINES W/O HDSCS

A04-	SELECT	REF	POWER SUPPLY ASM, BULK (8 CHANNEL)	
-	4901838	REF	POWER SUPPLY ASM, BULK (8 CHANNEL)	A
-	2314614	REF	POWER SUPPLY ASM, BULK (8 CHANNEL)	B
			FOR 1, 2, 4 CHANNEL BULK POWER SUPPLY SEE FRAME 1/E14	
			FOR NEXT HIGHER ASM SEE FRAME 1/C02	
- 1	NP	(1)	• HOUSING, BULK	
- 5	1726332	(2)	• INSULATOR	
- 6	1726333	(2)	• TERMINAL BLOCK ASM, 6 POS (TB202, TB203)	
- 7	1621196	(4)	• SCREW, METRIC-SLOT PAN HD M4 X 30MM LONG	
- 10	4429941	(6)	• RECTIFIER	A
- 10	1589294	(6)	• RECTIFIER	B
- 11	1621813	(6)	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 16MM LG	
- 15	323843	(1)	• TERMINAL BOARD, 6 D3L SCREW TERMINALS (TB204)	
- 16	5244087	(1)	• STRIP, MARKER, 6 POS	
- 17	1621193	(2)	• SCREW, METRIC-SLOT PAN HD M4 X 16MM LONG	
- 20	2314734	(1)	• HEATSINK ASM	
			POS 1 TO TB204-1	
			POS 2 TO TB204-2	
			POS 3 TO TB204-3	
			POS 4 TO TB204-4	
			POS 5 TO TB204-5	
			POS 6 TO TB204-6	
- 21	4797037	(4)	• INSULATOR	
- 22	1621615	(4)	• SCREW, METRIC-CAP HEX HD M3 X 10MM LONG	
- 25	5796393	(2)	• CAPACITOR, ELECTROLYTIC 120, 000 MFD 15V	1
- 25A	NUMBER	REF	• • SCREW	
- 26	631769	(2)	• SHIELD	
- 27	4511278	(4)	• TERMINAL	
- 28	501565	(2)	• RESISTOR ASM, 50 OHM 10W	
- 34	1649555	(1)	• CAPACITOR (C204)	1
- 34A	NUMBER	REF	• • SCREW	
- 35	4406545	(1)	• CAPACITOR (C206)	1
- 36	2336654	(2)	• SHIELD	
- 37	501565	(1)	• RESISTOR ASM, 50 OHM 10W	
- 38	2757154	(1)	• RESISTOR	
- 39	4511278	(4)	• TERMINAL	
- 45	2342986	(1)	• STRAP	
- 46	4796654	(1)	• SCREW, METRIC-HEX WSHR HD M4 X 12MM LONG	
- 50	949924	(5)	• CABLE ASM, JUMPER	
			HEATSINK TO TB202-5	
			HEATSINK TO TB202-6	
			HEATSINK TO TB203-4	
			HEATSINK TO TB203-5	
			HEATSINK TO TB203-6	
- 60	2314734	(1)	• CABLE ASM, BULK POWER	
- 65	231	(7)	• CABLE ASM, JUMPER	
			TB202-1 TO TB202-2	
			TB203-1 TO TB203-2	
			TB203-4 TO TB203-5	
			TB203-5 TO TB203-6	
			TB202-2 TO TB202-3	
			TB202-4 TO TB202-5	
			TB202-5 TO TB202-6	
- 70	2749390	(1)	• LABEL	
- 71	2314764	(1)	• CABLE ASM, JUMPER	
			TB202-3 TO TB203-1	
- 72	2290552	(1)	• CABLE AS, JUMPER	
			TB202-5 TO C204 (POSITIVE)	

END OF ASSEMBLY (EC 458447)

FIGURE 2/A06. POWER ASM, PRIMARY (USA/JAPAN) SHT 1 OF 2



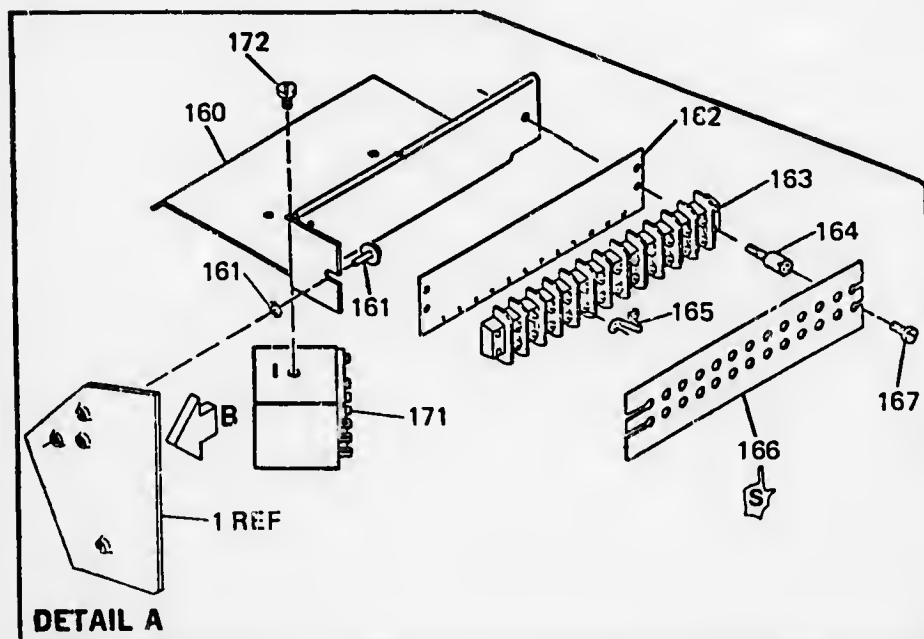
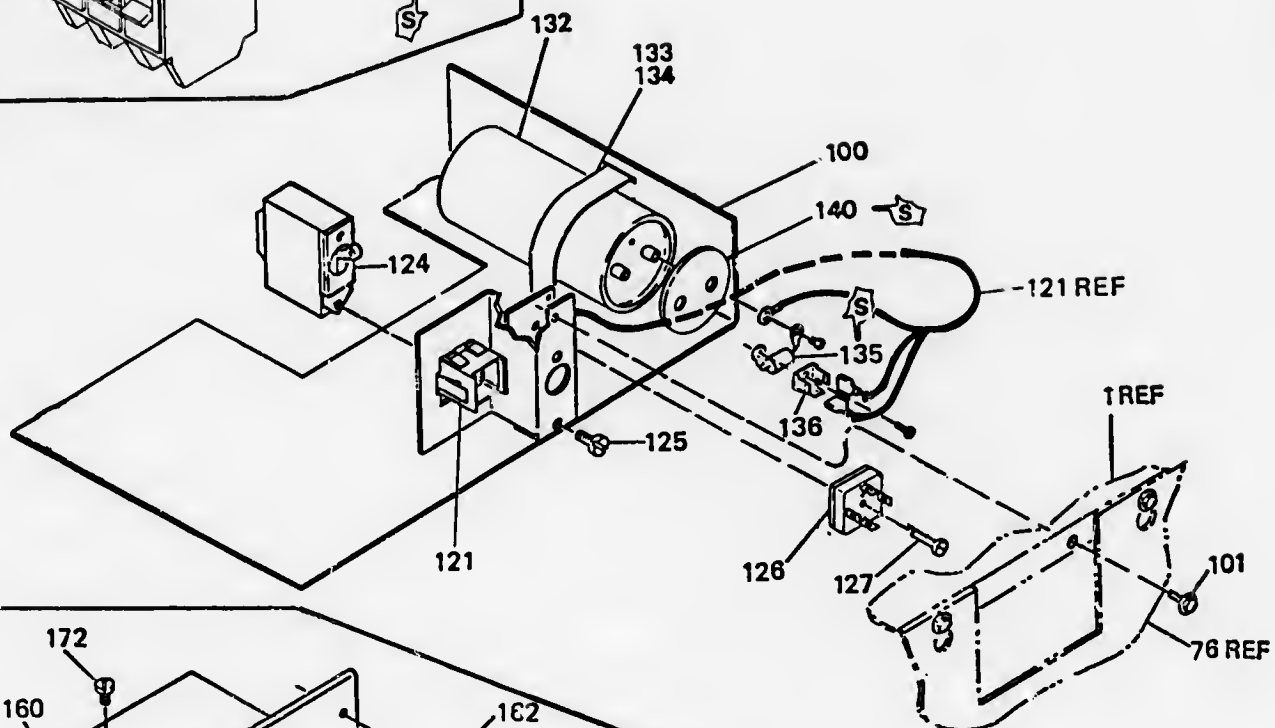
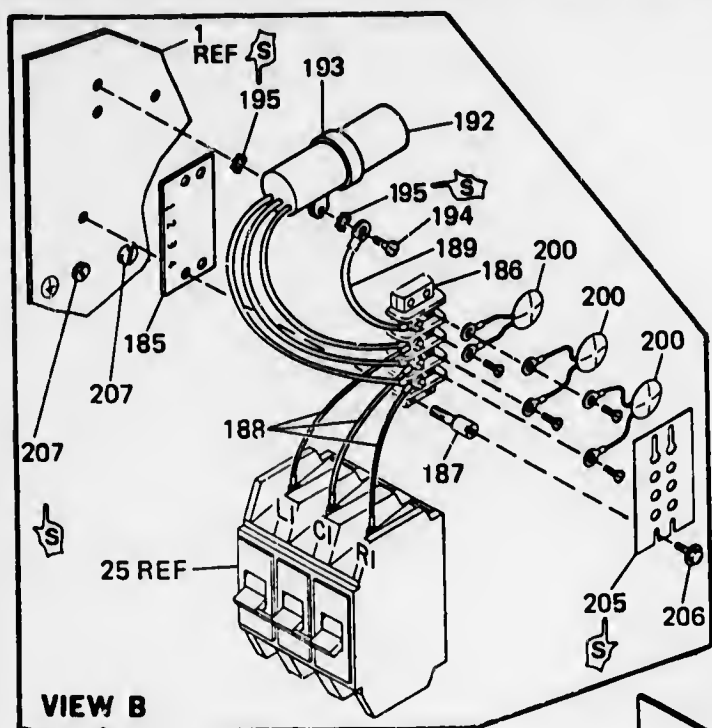
LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE A USED ON 1, 2, 4 CHANNEL/60HZ/USA
NOTE B USED ON 1, 2, 4 CHANNEL/50H/JAPAN
NOTE C USED ON 8 CHANNEL/60HZ/USA
NOTE D USED ON 8 CHANNEL/50HZ/JAPAN
NOTE E SUBSTITUTE PART FOR WTC

A06-	SELECT	REF	POWER ASM, PRIMARY (USA/JAPAN)	SHT 1 OF 2
-	4797661	REF	POWER ASM, PRIMARY (1, 2, 4 CHAN/60 HZ)	A
-	4797591	REF	POWER ASM, PRIMARY (1, 2, 4 CHAN/50 HZ) JAPAN)	B
-	2290568	REF	POWER ASM, PRIMARY (8 CHAN/60 HZ)	C
-	2290570	REF	POWER ASM, PRIMARY (8 CHAN/50 HZ) JAPAN.	D
			FOR NEXT HIGHER ASM SEE FRAME 1/C02	
- 1	NP	(1)	ENCLOSURE, POWER BOX	
- 2	4797662	(1)	TRANSFORMER ASM, T401	
- 2	4550443	(1)	TRANSFORMER ASM, T401 . (SUB FOR WTC)	E
- 3	4796655	(2)	SCREW, METRIC-HEX WSHR HD M5 X 12MM LONG	
- 3	2125974	(2)	LOCKWASHER, INT THICK .200 ID X .562 OD INSTALL BETWEEN SCREW AND XMFR LEG	
- 4	1622347	(2)	LOCKWASHER, METRIC-EXT TOOTH 5.3 ID X 10 OD INSTALL BETWEEN XFRMER AND ENCLOSURE	
- 5	2746653	(2)	TERMINAL INSTALL ON "T401TB" POSITION 5 AND 7	
- 6	191479	(1)	SHIELD, 7 POS	
- 7	10170	(2)	SCREW, MACH-BIND HD 6-32 X .250 LONG	
- 12	2745131	(2)	RELAY, 3 POLE 24VDC (K401, K402)	
- 13	4796653	(4)	SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
- 14	2336568	(3)	TERMINAL INSTALL ON POSITION K402 NC2, NC5, NC8	
- 15	237327	(3)	STRAIN RELIEF, 1.0 THD 7/8 OD CABLE	
- 16	342250	(1)	STRAIN RELIEF, 1 1/4 THD 7/8 MAX OD CABLE	
- 17	4796653	(5)	SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
- 17	1622346	(5)	LOCKWASHER, METRIC-EXT TOOTH 4.3 ID X 8 OD	
- 23	4796807	(1)	BRACKET, CIRCUIT BREAKER MTG.	
- 24	4796653	(2)	SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
- 25	5719454	(1)	CIRCUIT BREAKER, 15 AMP 3 POLE 240VDC (CB401)	
- 26	2282070	(1)	CLAMP	
- 27	1621173	(2)	SCREW, METRIC-SLOT PAN HD M3 X 12MM LONG	
- 27	1622302	(2)	WASHER, METRIC FLAT 3.2 ID X 7 OD X .5 THICK	
- 30	845762	(1)	LABEL, VOLTAGE WARNING	
- 31	138755	(1)	LABEL, INST LINE VOLTAGE PRESENT W/MACH PWR OFF	
- 33	357995	(1)	OUTLET, CONVENIENCE	
- 34	33235	(1)	SCREW, MACH-BIND HD 6-32 X .312 LONG	
- 35	4796653	(2)	SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
- 35	1622346	(2)	LOCKWASHER, METRIC-EXT TOOTH 4.3 ID X 8 OD	
- 40	421497	(1)	SWITCH (SW401)	
- 41	5180419	(2)	CIRCUIT BREAKER (CP402 AND CP404)	
- 42	516919	(2)	LOCKWASHER, EXT TOOTH .448 ID X .760 OD	
- 43	2281277	(1)	CIRCUIT PROTECTOR, 6 AMP 1 POLE (CP403)	
- 44	10170	(2)	SCREW, MACH-BIND HD 6-32 X .250 LONG	
- 45	602803	(1)	PLUG	
- 46	4797274	(1)	PLUG, 3 POLE CP	
- 47	10170	(2)	SCREW, MACH-BIND HD 6-32 X .250 LONG	
- 48	2281285	(1)	CIRCUIT PROTECTOR, 6 AMP 3 POLE (CP406)	A, B
- 48	2281278	(1)	CIRCUIT PROTECTOR, 8 AMP 3 POLE (CP406)	C, D
- 49	55726	(2)	SCREW, MACH-BIND HD 6-32 X .188 LONG	
- 50	4796653	(1)	SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
- 50	1622346	(1)	LOCKWASHER, METRIC-EXT TOOTH 4.3 ID X 8 OD	
- 51	4796653	(2)	SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
- 55	2281427	(1)	BOX, CONVENIENCE OUTLET	
- 56	2100264	(1)	STRAIN RELIEF, .812 (20, 6) THD .625 (15, 87) CABLE OD	
- 57	357995	(1)	OUTLET, CONVENIENCE	
- 58	359018	(1)	COVER, CONVENIENCE OUTLET	
- 59	38235	(1)	SCREW, MACH-BIND HD 6-32 X .312 LONG	
- 75	4796781	(1)	COVER, PWR SUPPLY	
- 76	4796653	(2)	SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
- 77	2749390	(1)	LABEL, CARD ASM	
- 78	2342942	(1)	LABEL, J401 CONNECTOR	
- 79	2346588	(1)	CABLE ASM, INTERNAL	
- 81	2314732	(1)	CABLE ASM, PRIMARY POWER TO PSM	
- 82	2314693	(1)	CABLE ASM, PRIMARY POWER TO FERRO 1	
- 83	2290554	(1)	CABLE ASM, TB401 TO GATE A BLOWER	
- 84	949985	(1)	CABLE ASM, SW401 TO IGAR MOTOR	
- 86	4797401	(1)	CABLE ASM, CONV. OUTLET-FRAME	
- 87	4518234	(1)	CORD, LINE.	A, C
- 87	32042	(3)	SCREW, MACH-BIND HD 10-32 X .375 LONG.	A, C
- 88	2745146	(2)	DIOLE ASM	

END OF SHEET 1 OF 2 (EC 453984) 4797661 REF

FIGURE 2/A08. POWER ASM, PRIMARY (USA/JAPAN) SH1 2 OF 2



 Safety Related Item

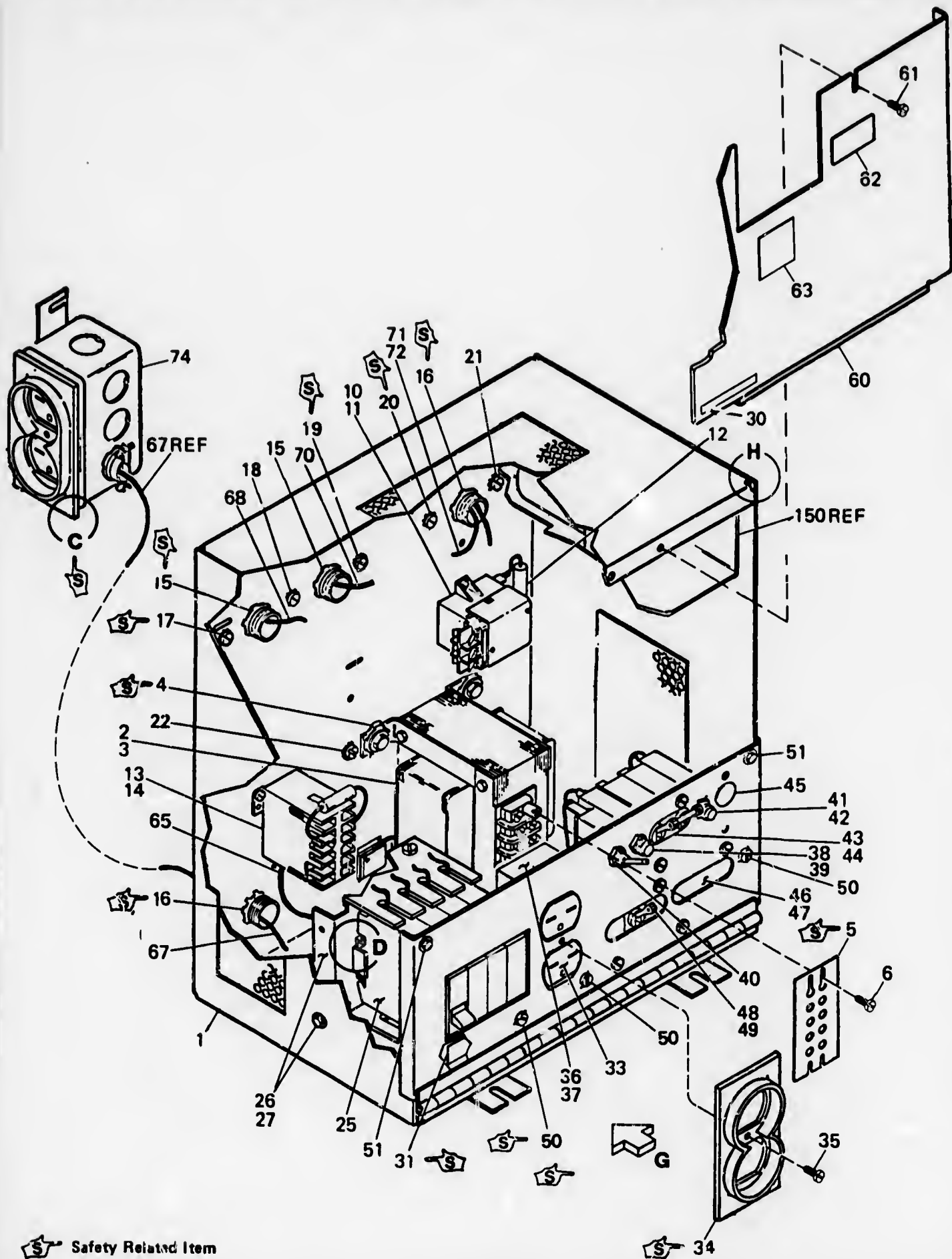
LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE A USED ON 1, 2, 4 CHANNEL/60HZ/USA
NOTE B USED ON 1, 2, 4 CHANNEL/50H/JAPAN
NOTE C USED ON 8 CHANNEL/60HZ/USA
NOTE D USED ON 8 CHANNEL/50HZ/JAPAN
NOTE E SUBSTITUTE PART FOR WTC

A08-	SELECT	REF	POWER ASM, PRIMARY (USA/JAPAN)	SHT 2 OF 2
-	4797661	REF	POWER ASM, PRIMARY (1, 2, 4 CHAN/60 HZ)	A
-	4797591	REF	POWER ASM, PRIMARY (1, 2, 4 CHAN/50 HZ) JAPAN)	B
-	2290568	REF	POWER ASM, PRIMARY (8 CHAN/60 HZ)	C
-	2290570	REF	POWER ASM, PRIMARY (8 CHAN/50 HZ) JAPAN	D
			FOR NEXT HIGHER ASM SEE FRAME 1/C02	
-100	4796782	(1)	• SHELF	
-101	4796653	(1)	• SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
-121	2342994	(1)	• CABLE ASM, INTERNAL	
-124	5214836	(1)	• CIRCUIT PROTECTOR (CP401)	
-125	55726	(2)	• SCREW, MACH-BIND HD 6-32 X .188 LONG	
-126	4429941	(1)	• RECTIFIER (CR401)	
-127	1621815	(1)	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 20MM LG	
-132	5214171	(1)	• CAPACITOR (C401)	
			ORIENTATE WITH VENT HOLE ON TOP	
-133	4299566	(1)	• STRAP	
-133	2102370	(1)	• CLAMP, DIA 2.050 ID .200 DIA MTG HOLE .200	E
-134	1621170	(1)	• SCREW, METRIC-SLOT PAN HD M3 X 6MM LONG	
-135	5736941	(1)	• RESISTOR ASM	
-136	4511278	(1)	• TERMINAL, SLIP ON	
-140	362206	(1)	• SHIELD, CAPACITOR	
-160	4796994	(1)	• BRACKET	
-161	4796653	(1)	• SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
-161	1622346	(1)	• LOCKWASHER, METRIC-EXT TOOTH 4.3 ID X 8 OD	
-162	589814	(1)	• MARKER STRIP, 12 POS NO.S 1 THRU 12	
-163	323842	(1)	• TERMINAL BLOCK, 12 POSITION (TB401)	
-164	4299635	(2)	• STUD	
-165	367115	(6)	• JUMPER, TERMINAL STRIP	
			TB401-1 TO TB401-2	
			TB401-2 TO TB401-3	
			TB401-5 TO TB401-6	
			TB401-6 TO TB401-7	
			TB401-9 TO TB401-10	
			TB401-10 TO TB401-11	
-166	187466	(1)	• SHIELD, 12 POS	
-167	4796653	(2)	• SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
-171	1707783	(1)	• RELAY (K404)	
-172	38235	(1)	• SCREW, MACH-BIND HD 6-32 X .312 LONG	
-185	527916	(1)	• MARKER STRIP, 4 POS NO.S. 1 THRU 4	
-186	317485	(1)	• TERMINAL BLOCK, 4 POS (TB403)	
-187	4299635	(2)	• STUD, THREADED	
-188	2342895	(3)	• CABLE ASM, JUMPER	
			TB403-2 TO CB401-L1	
			TB403-3 TO CB401-C1	
			TB403-4 TO CB401-R1	
-189	2342894	(1)	• CABLE ASM, JUMPER	
			TB403-1 TO GND	
-192	2342653	(1)	• CAPACITOR ASM (C402)	
			SECURE THE THREE LEADS TO TB403 AS FOLLOWS;	
			LHC/TB403-2	
			CC/TB403-3	
			RHC/TB403-4	
-193	322250	(1)	• CLAMP, CAPACITOR	
-194	1621191	(1)	• SCREW, METRIC-SLOT PAN HD M4 X 10MM LONG	
-195	1622346	(2)	• LOCKWASHER, METRIC-EXT TOOTH 4.3 ID X 8 OD	
-200	2342983	(3)	• CAPACITOR ASM (C403)	
			TB403-1 TO TB403-2	
			TB403-1 TO TB403-3	
			TB403-1 TO TB403-4	
-205	210987	(1)	• SHIELD, 4 POS	
-206	4796653	(2)	• SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
-207	4796653	(2)	• SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
-207	1621346	(2)	• SCREW, METRIC-SLOT FLAT HD M8 X 40MM LONG	

END OF ASSEMBLY (EC 453984) 4797661 REF

FIGURE 2/A10. POWER ASM, PRIMARY (50 HZ/NOT JAPAN) SHT 1 OF 4



 Safety Related Item

LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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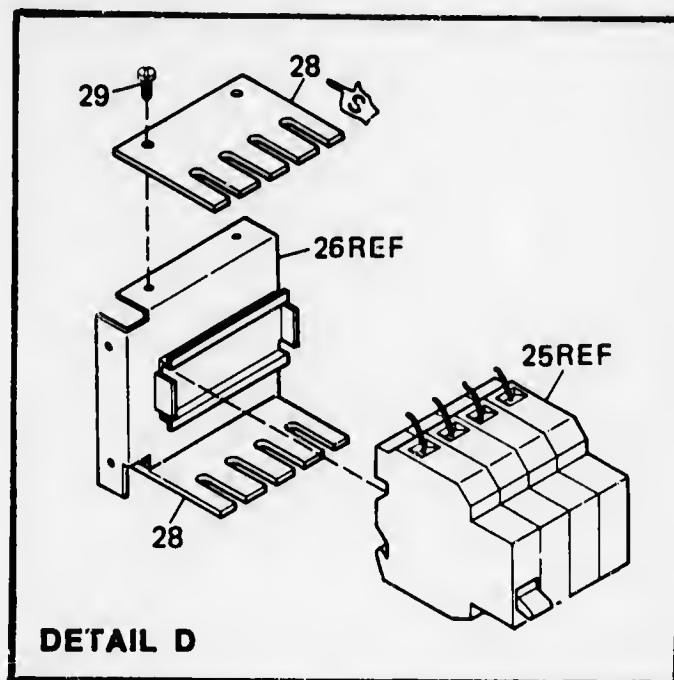
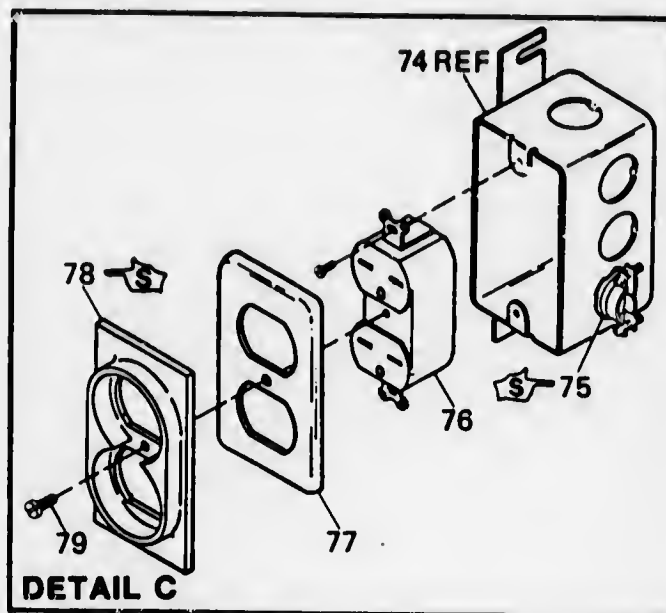
NOTE A USED ON 1, 2, 4 CHANNEL/50HZ/NOT JAPAN

NOTE B USED ON 8 CHANNEL/50HZ/NOT JAPAN

NOTE C SUBSTITUTE PART FOR WTC

A10-	SELECT	REF	POWER ASM, PRIMARY (50 HZ/NOT JAPAN)	SHT 1 OF 4
-	4797096	REF	PWR ASM, PRIMARY (1, 2, 4 CHAN/50 HZ) NOT JAPAN	A
-	2290569	REF	PWR ASM, PRIMARY (8 CHAN/50 HZ) NOT JAPAN	B
			FOR NEXT HIGHER ASM SEE FRAME 1/C02	
- 1	NP	(1)	• ENCLOSURE, POWER	
- 2	4119730	(1)	• TRANSFORMER ASM, T401	
- 3	4796654	(2)	• SCREW, METRIC-HEX WSHR HD M4 X 12MM LONG	
- 3	2125963	(2)	• LOCKWASHER, INT THICK NO. 8 X .562 OD X .025 THD	
- 4	1622346	(2)	• LOCKWASHER, METRIC-EXT TOOTH 4.3 ID X 8 OD INSTALL BETWEEN XFMR AND ENCLOSURE	
- 5	5236656	(1)	• SHIELD, 5 POSITION	
- 6	1621181	(2)	• SCREW, METRIC-SLOT PAN HD M3.5 X 6MM LONG	
- 10	4216103	(1)	• RELAY, 24V DC (K402)	
- 11	1621172	(2)	• SCREW, METRIC-SLOT PAN HD M3 X 10MM LONG	
- 12	2314692	(1)	• DIODE ASM CATHODE ANODE K402-A + TO K402-B	
- 13	4216154	(1)	• RELAY, 24V DC (K401)	
- 14	1621193	(2)	• SCREW, METRIC-SLOT PAN HD M4 X 16MM LONG	
- 15	237327	(2)	• STRAIN RELIEF, 1.0 THD 7/8 OD CABLE	
- 16	342250	(2)	• STRAIN RELIEF, 1 1/4 THD 7/8 MAX OD CABLE	
- 17	4796653	(1)	• SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
- 17	1622346	(1)	• LOCKWASHER, METRIC-EXT TOOTH 4.3 ID X 8 OD	
- 18	4796653	(1)	• SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
- 18	1622346	(1)	• LOCKWASHER, METRIC-EXT TOOTH 4.3 ID X 8 OD	
- 19	4796653	(1)	• SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
- 19	1622346	(1)	• LOCKWASHER, METRIC-EXT TOOTH 4.3 ID X 8 OD	
- 20	4796653	(1)	• SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
- 20	1622346	(1)	• LOCKWASHER, METRIC-EXT TOOTH 4.3 ID X 8 OD	
- 21	4796653	(1)	• SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
- 21	1622346	(1)	• LOCKWASHER, METRIC-EXT TOOTH 4.3 ID X 8 OD	
- 22	4796653	(1)	• SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
- 22	1622346	(1)	• LOCKWASHER, METRIC-EXT TOOTH 4.3 ID X 8 OD	
- 25	4120623	(1)	• CIRCUIT BREAKER (CB401) SEE VIEW B, SHEET 2	
- 26	2314721	(1)	• BRACKET, CB MTG	
- 26	4797634	(1)	• BRACKET, CB MTG (SUB FOR WTC)	C
- 27	4796653	(2)	• SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
- 30	845762	(1)	• LABEL, VOLTAGE WARNING	
- 31	138755	(1)	• LABEL, INST LINE VOLTAGE PRESENT W/MACH PWR OFF	
- 33	418835	(1)	• OUTLET, CONVENIENCE, 220V 50 HZ	
- 34	2502115	(1)	• COVER, CONVENIENCE OUTLET	
- 35	35739	(1)	• SCREW, MACH-BIND HD 6-32 X .438 LONG	
- 36	4512151	(1)	• SHIELD, CONVENIENCE OUTLET	
- 37	1622304	(2)	• WASHER, METRIC FLAT 4.3 ID X 9 OD X .8 THICK	
- 37	1622403	(2)	• NUT, METRIC HEX M4 DOUBLE CHAMFER	
- 38	5180238	(1)	• CIRCUIT BREAKER (CP402)	
- 39	516919	(1)	• LOCKWASHER, EXT TOOTH .448 ID X .760 OD	
- 40	421497	(1)	• SWITCH (SW401)	
- 41	5180419	(1)	• CIRCUIT BREAKER (CP404)	
- 42	516919	(1)	• LOCKWASHER, EXT TOOTH .448 ID X .760 OD	
- 43	5252776	(1)	• CIRCUIT PROTECTOR (CP403)	
- 44	10170	(2)	• SCREW, MACH-BIND HD 6-32 X .250 LONG	
- 45	602803	(1)	• PLUG, CP	
- 46	4797274	(1)	• PLUG, 3 POLE CP	
- 47	10170	(2)	• SCREW, MACH-BIND HD 6-32 X .250 LONG	
- 48	2281285	(1)	• CIRCUIT PROTECTOR, 6 AMP 3 POLE (CP406)	A
- 48	2281278	(1)	• CIRCUIT PROTECTOR, 8 AMP 3 POLE (CP406)	B
- 49	10170	(2)	• SCREW, MACH-BIND HD 6-32 X .250 LONG	
- 50	4796653	(3)	• SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
- 50	1622346	(3)	• LOCKWASHER, METRIC-EXT TOOTH 4.3 ID X 8 OD	
- 51	4796653	(2)	• SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
- 60	4796781	(1)	• COVER	
- 61	4796653	(2)	• SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
- 62	2749390	(1)	• LABEL	
- 63	2342942	(1)	• LABEL	
- 65	2314728	(1)	• CABLE ASM, INTERNAL	
- 67	4797401	(1)	• CABLE ASM, CONV. OUTLET TO CONV OUTLET, FRAME	
- 68	2290554	(1)	• CABLE ASM, TB401 TO GATE A BLOWER	
- 70	949985	(1)	• CABLE ASM, SW401 TO DISKETTE MOTOR	
- 71	2314694	(1)	• CABLE ASM, K402 TO FERRO 1	
- 72	2314732	(1)	• CABLE ASM, PRI PWR TO PSM	
- 74	2281427	(1)	• BOX, CONVENIENCE OUTLET	

END OF SHEET 1 OF 4 (EC 462857J) 4797096 REF



 Safety Related Item

LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE A USED ON 1, 2, 4 CHANNEL/50HZ/NOT JAPAN

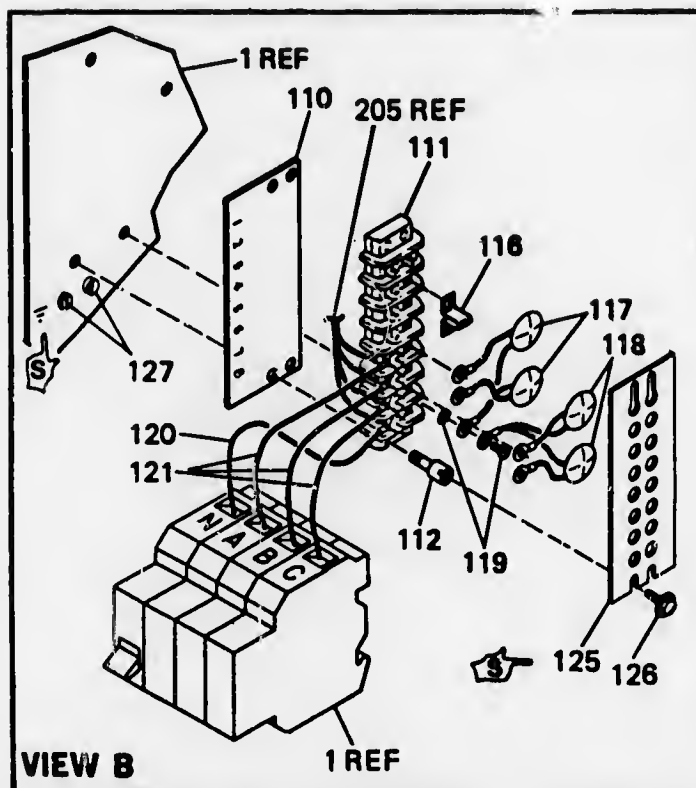
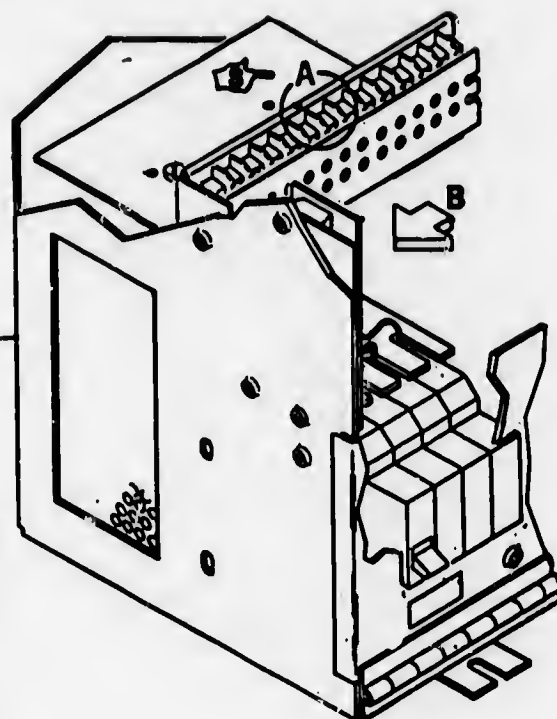
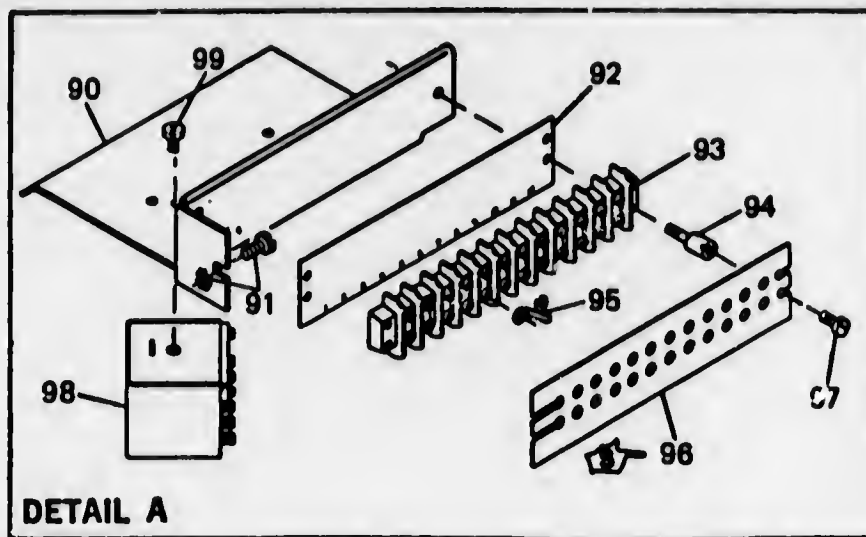
NOTE B USED ON 8 CHANNEL/50HZ/NOT JAPAN

NOTE C SUBSTITUTE PART FOR WTC

A12-	SELECT	REF	POWER ASM, PRIMARY (50 HZ/NOT JAPAN)	SHT 2 OF 4
-	4797096	REF	PWR ASM, PRIMARY (1, 2, 4 CHAN/50 HZ) NOT JAPAN	A
-	2290569	REF	PWR ASM, PRIMARY (8 CHAN/50 HZ) NOT JAPAN	B
			FOR NEXT HIGHER ASM SEE FRAME 1/C02	
- 25	4120623	REF	• CIRCUIT BREAKER (CB401)	
			SEE VIEW B, SHEET 2	
- 26	2314721	REF	• BRACKET, CB MTG	
- 26	4797634	REF	• BRACKET, CB MTG (SUB FOR WTC)	C
- 28	2314720	(2)	• SHIELD, CB	
- 28	4057995	(2)	• SHIELD, CB (SUB FOR WTC)	C
- 29	1621190	(4)	• SCREW, METRIC-SLOT PAN HD M4 X 8MM LONG	
- 74	2281427	REF	• BOX, CONVENIENCE OUTLET	
- 75	2100264	(1)	• STRAIN RELIEF, .812 (20, 6) THD .625 (15, 87) CABLE OD	
- 76	418835	(1)	• OUTLET, CONVENIENCE, 220V 50 HZ	
- 77	359018	(1)	• COVER, CONVENIENCE OUTLET	
- 79	35739	(1)	• SCREW, MACH-BIND HD 6-32 X .438 LONG	

END OF SHEET 2 OF 4 (EC 462857J) 4797096 REF

FIGURE 2/A14. POWER ASM, PRIMARY (50 HZ/NOT JAPAN) SHT 3 OF 4



 Safety Related Item

LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE A USED ON 1, 2, 4 CHANNEL/50HZ/NOT JAPAN

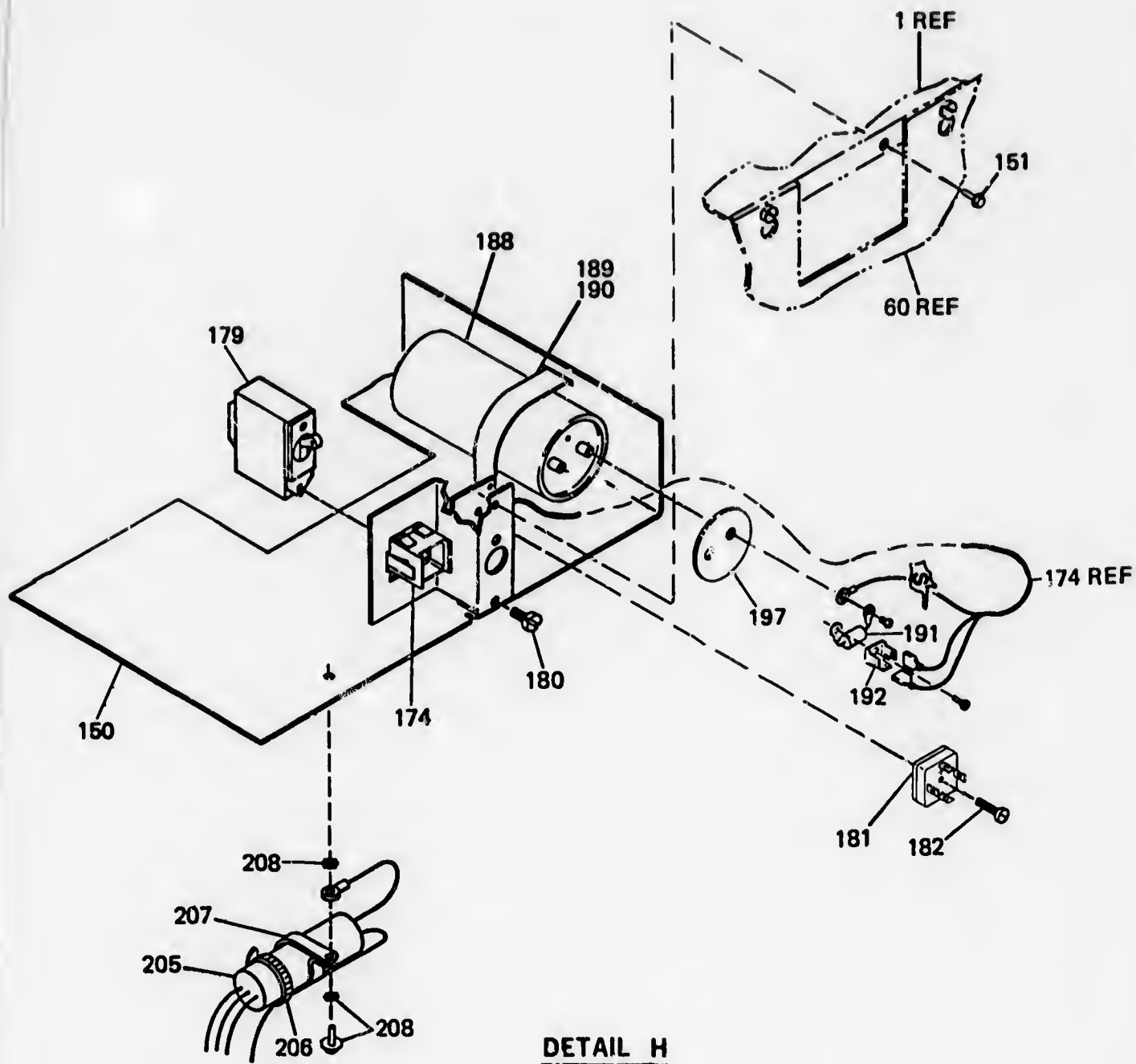
NOTE B USED ON 8 CHANNEL/50HZ/NOT JAPAN

NOTE C SUBSTITUTE PART FOR 1-TC

A14-	SELECT	REF	POWER ASM, PRIMARY (50 HZ/NOT JAPAN)	SHT 3 OF 4
-	4797096	REF	PWR ASM, PRIMARY (1, 2, 4 CHAN/50 HZ) NOT JAPAN	A
-	2290569	REF	PWR ASM, PRIMARY (8 CHAN/50 HZ) NOT JAPAN	B
			FOR NEXT HIGHER ASM SEE FRAME 1/C02	
- 90	4796994	(1)	• BRACKET	
- 91	4796653	(1)	• SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
- 91	1622346	(1)	• LOCKWASHER, METRIC-EXT TOOTH 4.3 ID X 8 OD	
			BETWEEN BRACKET (ITEM 90) AND ENCLOSURE (ITEM 1)	
- 92	589814	(1)	• MARKER STRIP, 12 POS NO.S 1 THRU 12	
- 93	323842	(1)	• TERMINAL BLOCK, 12 POSITION (TB401)	
- 94	4299635	(2)	• STUD, THREADED	
- 95	367115	(6)	• JUMPER, TERMINAL STRIP	
			TB401-1 TO TB401-2	
			TB401-5 TO TB401-6	
			TB401-9 TO TB401-10	
			TB401-3 TO TB401-4 (WYE ONLY)	
			TB401-7 TO TB401-8 (WYE ONLY)	
			TB401-11 TO TB401-12 (WYE ONLY)	
			TB401-2 TO TB401-3 (DELTA ONLY)	
			TB401-6 TO TB401-7 (DELTA ONLY)	
			TB401-10 TO TB401-11 (DELTA ONLY)	
- 96	187466	(1)	• SHIELD, 12 POS	
- 97	4796653	(2)	• SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
- 98	1707783	(1)	• RELAY (K404)	
- 98	2337716	(1)	• RELAY, K404 (SUB FOR WTC)	C
- 99	38235	(1)	• SCREW, MACH-BIND HD 6-32 X .312 LONG	
-110	360339	(1)	• MARKER STRIP, 8 POS	
-111	317145	(1)	• TERMINAL BOARD, 8 DBL SCREW TERMINALS (TB403)	
-112	4299635	(2)	• STUD, THREADED	
-116	367115	(1)	• JUMPER, TERMINAL STRIP	
			TB403-2 TO TB403-3 (DELTA ONLY)	
			TB403-3 TO TB403-4 (WYE ONLY)	
-117	2342982	(1)	• CAPACITOR ASM (C403)	
			TB403-5 TO TB403-6	
			DOUBLE LD TO GND	
-118	2342982	(1)	• CAPACITOR ASM (C404)	
			TB403-7 TO TB403-8	
			DOUBLE LD TO GND	
-119	1621190	(1)	• SCREW, METRIC-SLOT PAN HD M4 X 8MM LONG	
-119	1622346	(1)	• LOCKWASHER, METRIC-EXT TOOTH 4.3 ID X 8 OD	
-120	2342896	(1)	• CABLE ASM, JUMPER	
			TB403-8 TO CB401-N	
-121	2342947	(3)	• CABLE ASM, JUMPER	
			TB403-5 TO CB401-A	
			TB403-6 TO CB401-B	
			TB403-7 TO CB401-C	
-125	186945	(1)	• SHIELD, TERMINAL BLOCK (8 POS)	
-126	4796653	(2)	• SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
-127	4796653	(2)	• SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
-127	1622346	(2)	• LOCKWASHER, METRIC-EXT TOOTH 4.3 ID X 8 OD	

END OF SHEET 3 OF 4 (EC 462857J) 4797096 REF

FIGURE 2/A16. POWER ASM. PRIMARY (50 HZ/NOT JAPAN) SHT 4 OF 4



LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE A USED ON 1, 2, 4 CHANNEL/50HZ/NOT JAPAN

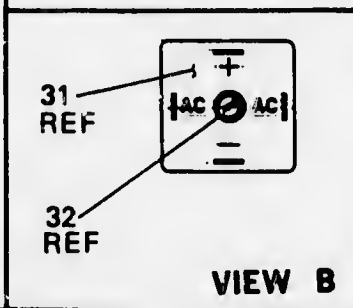
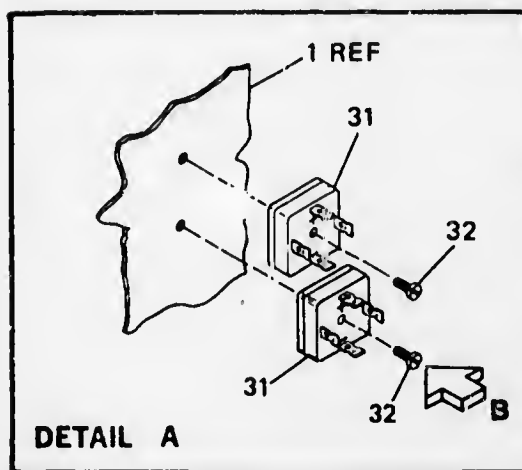
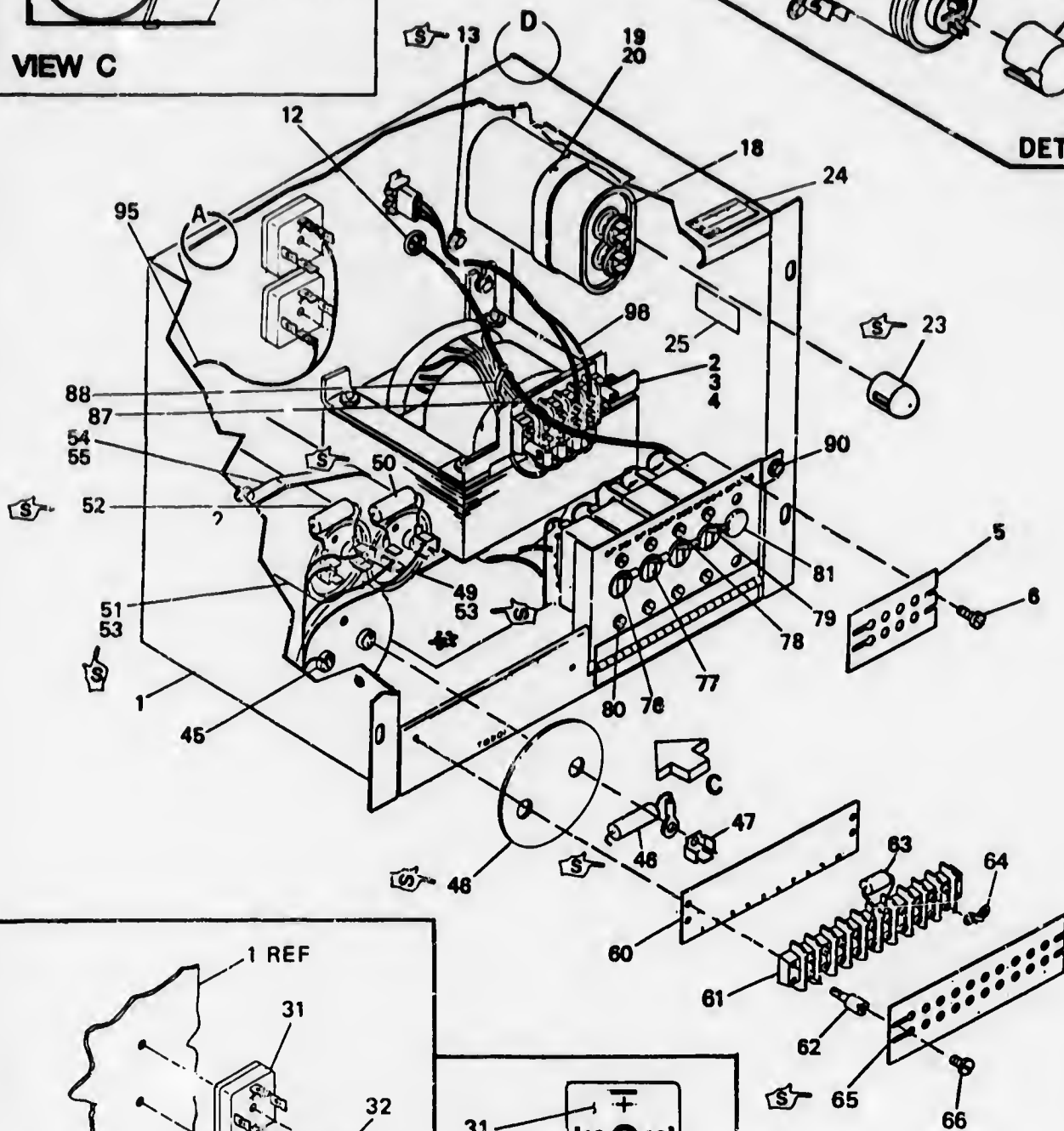
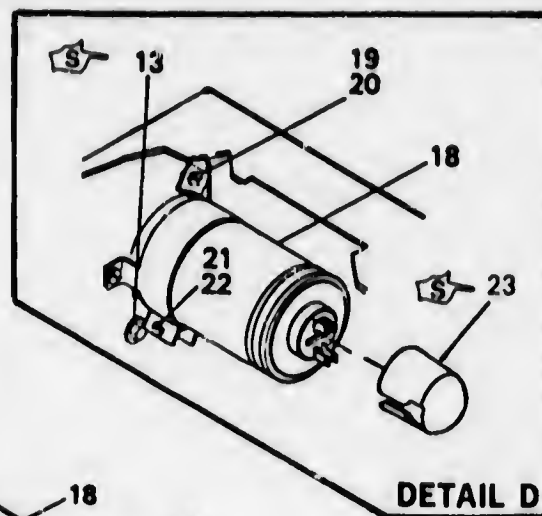
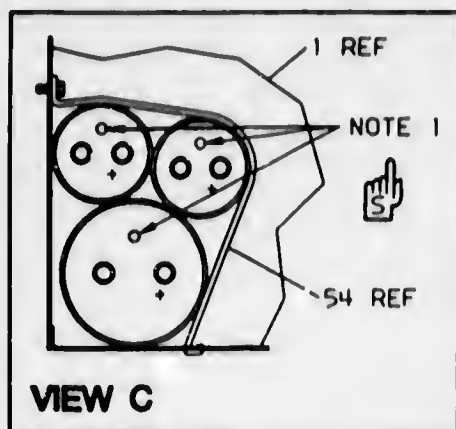
NOTE B USED ON 8 CHANNEL/50HZ/NOT JAPAN

NOTE C SUBSTITUTE PART FOR WTC

A16-	SELECT	REF	POWER ASM, PRIMARY 50 HZ/NOT JAPAN.	SHT 4 OF 4
-	4797096	REF	PWR ASM, PRIMARY (1, 2, 4 CHAN/50 HZ) NOT JAPAN	A
-	2290569	REF	PWR ASM, PRIMARY (8 CHAN/50 HZ) NOT JAPAN	B
			FOR NEXT HIGHER ASM SEE FRAME 1/C02	
-150	4796782	(1)	• SHELF	
-151	4796653	(1)	• SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
-174	2290571	(1)	• CABLE ASM, INTERNAL	
-179	5214836	(1)	• CIRCUIT PROTECTOR (CP401)	
-180	55726	(2)	• SCREW, MACH-BIND HD 6-32 X .188 LONG	
-181	4429941	(1)	• RECTIFIER (CR401)	
-182	1621815	(1)	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 20MM LG	
-188	5214171	(1)	• CAPACITOR (C401)	
			ORIENTATE WITH VENT HOLE ON TOP	
-189	4299566	(1)	• STRAP	
-189	2102370	(1)	• CLAMP, DIA 2.050 ID .200 DIA MTG HOLE .200	C
-190	1621170	(1)	• SCREW, METRIC-SLOT PAN HD M3 X 6MM LONG	
-191	5736941	(1)	• RESISTOR ASM	
			C401+ TO C401-	
-192	4511278	(1)	• TERMINAL, SLIP ON	
-197	362206	(1)	• SHIELD, CAPACITOR	
-205	2342652	(1)	• CAPACITOR ASM (C402)	
			SEE VIEW B, SHEET 2	
			LEAD 1, 2, 3 TO TB403-5, 6, 7	
			LEAD 4 TO TB403-8	
			LEAD 5 TO GND	
-206	1159519	(1)	• TIE, CABLE (152.4 MM LG)	
-207	322250	(1)	• CLAMP	
-208	1621191	(1)	• SCREW, METRIC-SLOT PAN HD M4 X 10MM LONG	
-208	1622346	(2)	• LOCKWASHER, METRIC-EXT TOOTH 4.3 ID X 8 OD	

END OF ASSEMBLY. (EC 462857J) 4797096 REF

FIGURE 2/A18. POWER SUPPLY ASM, PSM



Safety Related Item

LIST AND ITEM NO.	PART NUMBER	QTY	DESCRIPTION	NOTE
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NOTE 1 ORIENT WITH VENT HOLE ON TOP

NOTE A USED ON 60HZ

NOTE B USED ON 50HZ

A18-	SELECT	REF	POWER SUPPLY ASM, PSM	
-	2679472	REF	POWER SUPPLY ASM, PSM (60 HZ)	A
-	2679473	REF	POWER SUPPLY ASM, PSM (50 HZ)	B
			FOR NEXT HIGHER ASM SEE FRAME 1/C02	
- 1	4796710	(1)	• ENCLOSURE, POWER SUPPLY	
- 2	4797400	(1)	• TRANSFORMER ASM, 60HZ (T301)	A
- 2	4119620	(1)	• TRANSFORMER ASM, 50HZ (T301)	B
- 3	4796655	(4)	• SCREW, METRIC-HEX WSHR HD M5 X 12MM LONG	
- 3	2125974	(4)	• LOCKWASHER, INT THICK .200 ID X .562 OD	
- 4	1622347	(2)	• LOCKWASHER, METRIC-EXT TOOTH 5.3 ID X 10 OD INSTALL UNDER UPPER LEGS OF XFMR	
- 5	210987	(1)	• SHIELD, 4 POS	
- 6	55726	(2)	• SCREW, MACH-BIND HD 6-32 X .188 LONG	
- 12	123074	(1)	• GROMMET	
- 13	4796653	(1)	• SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
- 13	1622346	(1)	• LOCKWASHER, METRIC-EXT TOOTH 4.3 ID X 8 OD	
- 18	5252839	(1)	• CAPACITOR, PAPER 3 MFD 550VAC P/M 6%	A
- 18	4120823	(1)	• CAPACITOR 3 MFD (POS. C304)	B
- 19	4796713	(1)	• STRAP, CAPACITOR	A
- 19	320465	(1)	• CLAMP, CAPACITOR	B
- 20	4796653	(1)	• SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	A
- 20	1621170	(1)	• SCREW, METRIC-SLOT PAN HD M3 X 6MM LONG	B
- 21	1621193	(1)	• SCREW, METRIC-SLOT PAN HD M4 X 16MM LONG	B
- 22	1622403	(1)	• NUT, METRIC HEX M4 DOUBLE CHAMFER	B
- 23	526378	(2)	• CAP, SAFETY	A
- 23	2722507	(1)	• CAP, SAFETY	B
- 24	2749390	(1)	• LABEL, P/N	
- 25	2582954	(1)	• LABEL, 550V	
- 31	4429941	(2)	• RECTIFIER (CR302, CR303)	
- 32	1621815	(2)	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 20MM LG	
- 45	1646686	(1)	• CAPACITOR, 300K (POS. C303)	1
- 46	501565	(1)	• RESISTOR ASM, 50 OHM 10W	
- 47	4511278	(6)	• TERMINAL, SLIP-ON	
- 48	631769	(1)	• SHIELD	
- 49	5261067	(1)	• CAPACITOR, ELECTROLYTIC 24, 000 MF 10VDC (C301)	1
- 50	501565	(1)	• RESISTOR ASM, 50 OHM 10W	
- 51	5213837	(1)	• CAPACITOR, 30V 16KFM (POS. C302)	1
- 52	2757154	(1)	• RESISTOR ASM, 150 OHM 10W	
- 53	362206	(2)	• SHIELD	
- 54	4796714	(1)	• STRAP	
- 55	1621811	(1)	• SCREW, METRIC-THD FORM HEX WSHR HD M4 X 10MM LG	
- 60	363434	(1)	• MARKER STRIP- 10 POS NOS. 1 THRU 10	
- 61	322767	(1)	• TERMINAL BLOCK, 10 POS (TB301)	
- 62	4299635	(2)	• STUD	
- 63	4797049	(1)	• DIODE ASM (CR301) CATHODE TO TB301-6 ANODE TO TB301-5	
- 64	367115	(2)	• JUMPER, TERMINAL STRIP TB301-3 TO TB301-4 TB301-9 TO TB301-10	
- 65	2342893	(1)	• SHIELD, 10 POS.	
- 66	4796653	(2)	• SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
- 76	2574139	(1)	• CIRCUIT PROTECTOR (CP301)	
- 77	4517020	(1)	• CIRCUIT PROTECTOR (CP302)	
- 78	2278718	(1)	• CIRCUIT PROTECTOR, 1 AMP (CP303)	
- 79	4511285	(1)	• CIRCUIT PROTECTOR (CP304)	
- 80	55726	(5)	• SCREW, MACH-BIND HD 6-32 X .188 LONG	
- 81	602803	(1)	• PLUG, CP	
- 87	2346593	(1)	• CABLE ASM, CP301-304 TO LOGIC GATE	
- 88	1159913	(1)	• TIE, CABLE	
- 90	4796653	(1)	• SCREW, METRIC-HEX WSHR HD M4 X 6MM LONG	
- 95	2342702	(1)	• CABLE ASM, INTERNAL	
- 96	2314731	(1)	• CABLE ASM, INTERNAL	

END OF ASSEMBLY (EC 462847) 4797633 REF